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# **SURFACE OBSERVATION CLIMATIC SUMMARIES**

FOR  
**MAXWELL AFB, AL**

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723



**FEBRUARY 1990**

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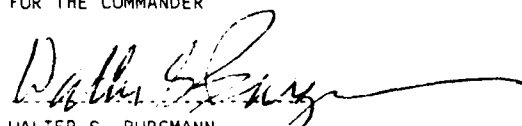
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13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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## PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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## INTRODUCTION

### STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: SEP 79 - AUG 89 (AIRWAYS).

SUMMARY OF DAY DATA: OCT 35 - AUG 36, JAN 37 - MAR 72, AUG 85 - AUG 89 (FULL TIME).

SUMMARY OF DAY DATA: APR 72 - JUL 85 (PART TIME).

HOURS SUMMARIZED: 00-23 LST (EXCEPT 06-23 LST APR 72 - JUL 85).

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NBR
722205	MAXWELL AFB/MONTGOMERY, AL	N 32 23	W 086 22	106	KMXF	

# STATION LOCATION AND INSTRUMENTATION HISTORY

Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Maxwell Field, AL	AAF	Jan 37	Dec 41	N 32 23	W 086 21	172	175	24
2	Same	Same	Sep 42	May 48	N 32 24	Same	Same	Same	24
3	Maxwell AFB, AL	AFB	Jun 48	Mar 54	N 32 23	Same	176	Same	24
4	Same	Same	Apr 54	Apr 57	Same	Same	Same	211	24
5	Same	Same	May 57	Mar 58	Same	Same	Same	245	24
6	Same	Same	Mar 58	Feb 67	Same	W 086 22	Same	174	24
7	Same	Same	Mar 69	Mar 72	Same	Same	179	Same	24
8	Same	Same	Apr 72	Dec 72	Same	Same	Same	Same	17
9	Same	Same	Feb 76	Oct 76	Same	Same	169	Same	18
10	Same	Same	Nov 76	Jan 82	Same	Same	Same	175	18
11	Same	Same	Feb 82	Aug 84	Same	Same	168	Same	18
12	Same	Same	Sep 84	JUL 85	Same	Same	Same	176	18
13	SAME	SAME	AUG 85	AUG 89	SAME	SAME	SAME	SAME	24

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jan 37	Atop control tower	Anemometer	N/A	60 ft	
2	Sep 42	Same	Selsyn	ML-144	Same	
3	Jun 48	200'S of weather station	Same	Same	45 ft	
4	Mar 54	Atop bldg next to wea stn	Same	Same	29 ft	
5	Mar 55	Atop hangar S of baseops	Same	Same	80 ft	
6	Mar 57	In control tower	Same	Same	78 ft	
7	May 62	750'fm end, 500'E runway 14	AN/GMQ-11	RO-2	13 ft	
8	Jul 78	1000'ENE ctrln, 1550'fm end runway 15	Same	RO-362	Same	
9	Jan 88	Same	Same	Same	12 ft	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

"ALL OBSTRUCTIONS TO VISION": THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	13.9				13.9	20.7	.8			35.3	368
03-05	.3	11.6	.8	.8		13.2	23.5	.8			37.6	370
06-08	.1	10.7	.3	.6		11.6	33.9	3.0			48.5	889
09-11		10.2		.4		10.6	23.9	10.4			45.0	894
12-14		9.5	.1	1.0		10.6	13.7	6.0			30.4	896
15-17		11.3	.3	.4		12.1	11.8	5.0			28.9	893
18-20	.1	11.3	.3	.1		11.7	15.2	3.5			30.4	887
21-23	.3	11.2	.3			11.5	17.6	2.1			31.3	884
ALL HOURS	.1	10.9	.3	.4		11.6	19.7	4.5			35.8	6081

MONTH: FEB

00-02	1.5	13.6				13.6	21.5	2.7			37.8	339
03-05	2.4	15.9				15.9	28.2	3.5			47.6	340
06-08	.7	11.0		.2		11.2	30.0	7.7			48.9	849
09-11	1.3	11.7		.5		12.1	20.1	9.0			41.2	849
12-14	1.4	10.7		.2		11.0	13.5	2.7			27.2	849
15-17	1.3	12.0		.1		12.2	13.5	3.8			29.4	847
18-20	2.3	12.2		.4		12.6	12.7	4.0			29.3	843
21-23	1.1	12.3		.4		12.7	14.5	2.5			29.7	843
ALL HOURS	1.4	12.0		.3		12.3	18.3	4.7			35.3	5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	2.2	8.9				8.9	14.5	.3			23.7	372
03-05	2.7	8.3				8.3	21.5	1.1			30.9	372
06-08	1.0	8.3		.4		8.7	32.9	7.0			48.6	930
09-11	.4	7.7		.3		8.1	12.4	8.2			28.6	930
12-14	1.3	7.6		.3		8.0	7.1	3.7			18.7	930
15-17	2.0	9.1		.3		9.5	6.1	2.7			18.3	930
18-20	1.7	11.3	.1			11.4	6.8	1.7			19.9	924
21-23	1.8	11.1	.3			11.4	8.2	1.3			20.9	894
ALL HOURS	1.5	9.1	.1	.2		9.4	13.0	3.7			26.0	6282

MONTH: APR

00-02	.6	6.1		.3		6.4	10.0	.6			16.9	360
03-05	1.5	5.6		.8		6.4	21.8	1.3			29.5	30
06-08	1.3	6.2		.1		6.3	25.2	9.4		.1	41.1	900
09-11	1.1	5.0				5.0	5.8	9.3		.3	20.4	900
12-14	1.9	5.8				5.8	1.9	4.8		.2	12.7	900
15-17	2.2	5.9				5.9	2.0	3.3			11.2	900
18-20	2.4	4.8				4.8	2.6	2.7			10.1	881
21-23	3.8	7.4				7.4	5.0	2.0			14.4	814
ALL HOURS	2.0	5.8		.1		5.9	8.3	4.8		.1	19.0	6045

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	1.9				1.9	21.8	8.1			31.7	372
03-05	.5	2.7				2.7	41.4	12.2			56.3	558
06-08	1.3	4.4				4.4	33.2	20.8			58.4	930
09-11	1.0	3.7				3.7	6.2	19.9			29.8	930
12-14	3.3	4.9			.1	5.1	1.8	12.8			19.7	930
15-17	3.8	4.8			.1	4.9	.5	10.3			15.8	930
18-20	3.3	4.4				4.4	2.5	10.6			17.4	919
21-23	1.2	3.7				3.7	4.8	7.2			15.7	733
ALL HOURS	2.1	4.0			.0	4.1	12.0	13.3			29.5	6302

MONTH: JUN

00-02	.8	1.4				1.4	23.6	15.6			40.6	360
03-05	.7	3.9				3.9	49.3	23.3			76.5	540
06-08	.8	4.1				4.1	37.7	36.2			78.0	900
09-11	1.3	4.7				4.7	4.8	25.6			35.0	900
12-14	3.8	6.8				6.8	1.1	17.2			25.1	900
15-17	7.8	9.6				9.6	.9	17.1			27.6	900
18-20	6.6	7.8				7.8	1.0	18.2		.1	27.1	900
21-23	1.9	3.7				3.7	6.0	12.2			21.9	721
ALL HOURS	3.3	5.7				5.7	13.1	21.2		.0	40.1	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.8	.8				.8	22.8	14.8			38.4	372
03-05	.7	2.0				2.0	50.4	24.9			77.2	558
06-08	1.2	3.9				3.9	40.1	40.1			84.1	930
09-11	1.5	4.0				4.0	5.7	33.4			43.1	930
12-14	5.6	5.6				5.6	1.8	24.5			32.0	926
15-17	11.3	10.2				10.2	1.6	24.4			36.2	922
18-20	5.7	9.0				9.0	3.4	24.4			36.8	918
21-23	4.1	5.1				5.1	7.8	18.0			31.0	739
ALL HOURS	4.3	5.6				5.6	14.5	26.8			46.9	6295

MONTH: AUG

00-02	.6	1.7				1.7	26.2	18.5			46.5	465
03-05	.2	1.8				1.8	52.1	24.0			77.9	620
06-08	.4	2.4				2.4	42.5	35.8			80.6	930
09-11	.9	2.6				2.6	4.7	33.1			40.4	930
12-14	4.3	5.4				5.4	1.1	26.5			32.9	930
15-17	8.0	5.6				5.6	.6	27.4			33.7	930
18-20	5.1	4.6				4.6	2.9	26.8			34.3	927
21-23	1.4	3.4				3.4	6.3	23.1			32.8	774
ALL HOURS	2.9	3.6				3.6	15.0	27.7			46.4	6506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	F PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		5.8				5.8	28.1	11.9			45.8	360
03-05		4.3				4.3	46.1	17.6			68.0	540
06-08	.2	5.0				5.0	41.1	26.7			72.8	900
09-11	.3	5.3				5.3	8.7	22.1			36.1	900
12-14	1.3	5.8				5.8	2.8	12.0			20.6	900
15-17	2.4	5.4				5.4	2.8	13.6			21.8	900
18-20	2.9	6.8				6.8	4.9	15.2			26.9	900
21-23	1.5	5.				5.5	10.2	11.5			27.2	723
ALL HOURS	1.2	5.5				5.5	15.8	16.8			38.1	6123

MONTH: OCT

00-02		3.8				3.8	17.5	2.2			23.4	372
03-05	.2	4.7				4.7	32.6	3.9			41.2	536
06-08	.1	3.9				3.9	37.4	14.2			55.6	927
09-11	.3	3.7				3.7	10.0	14.7			28.4	927
12-14	.6	4.2				4.2	2.2	5.9			12.3	927
15-17	1.5	4.3				4.3	2.9	3.2			10.5	927
18-20	.8	5.2				5.2	4.3	2.4			11.9	927
21-23	1.0	5.4				5.4	6.8	2.0			14.1	766
ALL HOURS	.6	4.4				4.4	13.0	6.6			24.0	6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.9	10.0				10.0	22.2	1.4			33.6	360
03-05	.6	7.5				7.5	29.6	2.2			39.2	362
06-08	.2	8.0				8.0	34.6	9.5			52.1	897
09-11	.7	7.1				7.1	14.6	9.6			31.3	897
12-14	.1	6.5				6.5	4.6	4.8			15.8	897
15-17	.9	8.0				8.0	6.0	2.6			16.6	897
18-20	.7	8.5				8.5	7.1	2.1			17.7	897
21-23	.9	9.6				9.6	8.8	1.6			20.0	896
ALL HOURS	.7	8.0				8.0	14.2	4.6			26.9	6103

MONTH: DEC

00-02		11.1				11.1	22.0	.8			34.0	368
03-05	.3	11.7		.5		12.2	30.1	.3			42.5	369
06-08	.4	9.6	.1			9.7	30.7	2.5			42.9	812
09-11	.3	7.7		.1		7.8	17.8	7.9			33.4	861
12-14	.4	9.2		.2		9.5	8.1	4.3			21.8	857
15-17	.2	8.6				8.6	7.9	2.9			19.3	840
18-20	.4	8.9				8.9	8.1	1.8			18.8	798
21-23	.3	10.5				10.5	10.7	1.9			23.1	788
ALL HOURS	.3	9.4	.0	.1		9.5	15.4	3.2			28.1	5693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.1	10.9	.3	.4		11.6	19.7	4.5			35.8	6081
FEB	1.4	12.0		.3		12.3	18.3	4.7			35.3	5759
MAR	1.5	9.1	.1	.2		9.4	13.0	3.7			26.0	6282
APR	2.0	5.8		.1		5.9	8.3	4.8		.1	19.0	6045
MAY	2.1	4.0			.0	4.1	12.0	13.3			29.5	6302
JUN	3.3	5.7				5.7	13.1	21.2		.0	40.1	6121
JUL	4.3	5.6				5.6	14.5	26.8			46.9	6295
AUG	2.9	3.6				3.6	15.0	27.7			46.4	6506
SEP	1.2	5.5				5.5	15.8	16.8			38.1	6123
OCT	.6	4.4				4.4	13.0	6.6			24.0	6309
NOV	.7	8.0				8.0	14.2	4.6			26.9	6103
DEC	.3	9.4	.0	.1		9.5	15.4	3.2			28.1	5693
ANNUAL	1.7	6.9	.0	.1	.0	7.1	14.3	11.7		.0	33.1	73619

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 4901-8908  
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	4.1	45.1	.8	3.8	.2	46.4	46.8	35.1			68.7	125
FEB	7.1	43.5	.3	2.3	.2	44.0	42.8	34.0	.1	.1	66.4	115
MAR	14.0	43.6	.1	1.2	.6	44.1	43.3	33.1	.1		67.7	125
APR	15.9	34.9		.1	.6	34.9	39.2	31.8			61.9	122
MAY	20.5	37.4			.9	37.4	45.5	43.9		.2	72.2	125
JUN	28.9	41.7			.2	41.7	42.2	46.5			73.7	123
JUL	40.9	52.4			.3	52.4	51.7	49.7			83.1	127
AUG	30.6	42.7				42.7	54.2	53.9			80.9	127
SEP	13.3	35.6			.1	35.6	49.0	49.0		.1	73.2	120
OCT	4.4	25.1			.1	25.1	49.3	41.8			64.3	123
NOV	5.0	35.9		.6		35.9	49.1	39.7			68.6	119
DEC	4.6	42.0	.1	1.6		42.6	46.0	32.0			66.9	121
ANNUAL	15.9	40.0	.1	.8	.3	40.3	46.6	40.9	.0	.0	70.7	1476



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02	.3	1.5	2.2	.6	.3	.8	.8	.6			1.9	
03-05	.3	2.4	2.7	1.5	.5	.7	.7	.2		.2	.6	.3
06-08	.1	.7	1.0	1.3	1.3	.8	1.2	.4	.2	.1	.2	.4
09-11		1.3	.4	1.1	1.0	1.3	1.5	.9	.3	.3	.7	.3
12-14		1.4	1.3	1.9	3.3	3.8	5.6	4.3	1.3	.6	.1	.4
15-17		1.3	2.0	2.2	3.8	7.8	11.3	8.0	2.4	1.5	.9	.2
18-20	.1	2.3	1.7	2.4	3.3	6.6	5.7	5.1	2.9	.8	.7	.4
21-23	.3	1.1	1.8	3.8	1.2	1.9	4.1	1.4	1.5	1.0	.9	.3
ALL HOURS	.1	1.4	1.5	2.0	2.1	3.3	4.3	2.9	1.2	.6	.7	.3
TOTAL OBS	6081	5759	6282	6045	6302	6121	6295	6506	6123	6309	6103	5693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	14.3			14.3	14.3	57.1	7
LIQUID PRECIP	11.1		45.1	22.2	5.0	16.6	658
FREEZING PRECIP			31.3	50.0		18.8	16
FROZEN PRECIP	3.7		7.4	25.9		63.0	27
FOG	22.8		33.0	16.6	8.7	18.9	1196
FOG WITH VIS GE 1/2 MILES	20.8		33.9	17.1	9.0	19.2	1140
TOTAL OBS	1313	0	1461	761	811	1735	6081

MONTH: FEB HOURS: ALL

TSTMS	6.2		23.5	42.0	14.8	13.6	81
LIQUID PRECIP	8.6		46.6	21.8	7.6	15.4	629
FREEZING PRECIP							
FROZEN PRECIP					6.7	93.3	15
FOG	21.4		33.8	15.1	10.9	18.8	1049
FOG WITH VIS GE 1/2 MILES	20.7		34.6	15.5	10.7	18.6	1021
TOTAL OBS	1162	0	1319	787	883	1608	5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	2.1		14.9	41.5	27.7	13.8	94
LIQUID PRECIP	7.5		36.4	23.2	13.2	19.7	492
FREEZING PRECIP						100.0	4
FROZEN PRECIP			7.7			92.3	13
FOG	24.5		26.6	19.6	14.5	14.7	811
FOG WITH VIS GE 1/2 MILES	21.9		27.5	20.5	15.0	15.1	775
TOTAL OBS	1097	0	1306	1024	1373	1481	6281

MONTH: APR HOURS: ALL

TSTMS	7.6		29.4	27.7	19.3	16.0	119
LIQUID PRECIP	6.5		33.1	24.2	21.5	14.6	260
FREEZING PRECIP							
FROZEN PRECIP			20.0			80.0	5
FOG	28.7		20.2	14.4	24.4	12.2	499
FOG WITH VIS GE 1/2 MILES	27.0		20.7	14.9	25.1	12.3	478
TOTAL OBS	1136	0	966	905	1640	1398	6045

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	4.5		16.7	25.8	32.6	20.5	132
LIQUID PRECIP	13.4		17.9	33.0	27.4	8.4	179
FREEZING PRECIP							
FROZEN PRECIP							
FOG	39.3		15.5	16.4	19.1	9.7	754
FOG WITH VIS GE 1/2 MILES	39.1		15.7	16.6	19.0	9.6	747
TOTAL OBS	1469	0	1225	1096	1529	983	6302

MONTH: JUN HOURS: ALL

TSTMS	3.9		11.3	23.2	34.0	27.6	203
LIQUID PRECIP	13.5		15.4	24.2	31.9	15.0	260
FREEZING PRECIP							
FROZEN PRECIP							
FOG	44.3		15.1	8.8	22.4	9.5	777
FOG WITH VIS GE 1/2 MILES	44.0		14.9	8.7	22.7	9.7	766
TOTAL OBS	1336	0	1231	857	1658	1039	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	7.8		13.3	19.3	31.5	28.1	270
LIQUID PRECIP	17.0		17.0	25.7	30.1	10.2	206
FREEZING PRECIP							
FROZEN PRECIP							
FOG	48.4		9.1	13.3	20.2	9.1	882
FOG WITH VIS GE 1/2 MILES	48.3		9.2	13.3	20.1	9.2	874
TOTAL OBS	1595	0	1072	817	1637	1174	6295

MONTH: AUG HOURS: ALL

TSTMS	4.3		21.3	21.8	27.1	25.5	188
LIQUID PRECIP	10.6		29.4	31.9	15.6	12.5	160
FREEZING PRECIP							
FROZEN PRECIP							
FOG	42.9		24.6	11.2	12.8	8.4	925
FOG WITH VIS GE 1/2 MILES	42.2		25.1	11.4	12.9	8.4	909
TOTAL OBS	1599	0	1574	1094	1281	958	6506

CALCULATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	7.9		27.6	22.4	22.4	19.7	76
LIQUID PRECIP	6.3		42.4	30.5	12.6	8.3	302
FREEZING PRECIP							
FROZEN PRECIP							
FOG	36.5		33.4	16.0	7.8	6.4	927
FOG WITH VIS GE 1/2 MILES	36.6		33.2	16.1	7.8	6.3	919
TOTAL OBS	1348	0	2323	1096	629	727	6123

MONTH: OCT HOURS: ALL

TSTMS	20.0		20.0	22.5	15.0	22.5	40
LIQUID PRECIP	16.1		37.5	25.4	5.6	15.3	248
FREEZING PRECIP							
FROZEN PRECIP							
FOG	44.2		23.6	17.2	5.9	9.1	810
FOG WITH VIS GE 1/2 MILES	43.4		24.0	17.4	5.9	9.2	792
TOTAL OBS	1760	0	1992	996	563	998	6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	10.0		10.0	27.5	35.0	17.5	40
LIQUID PRECIP	11.7		34.9	25.6	9.5	18.2	461
FREEZING PRECIP							
FROZEN PRECIP							
FOG	33.8		26.0	21.4	9.2	9.6	866
FOG WITH VIS GE 1/2MILES	32.2		26.5	22.2	9.2	9.9	826
TOTAL OBS	1426	0	1521	1145	720	1291	0 6103

MONTH: DEC HOURS: ALL

TSTMS	5.9		17.6	58.8	11.8	5.9	17
LIQUID PRECIP	14.9		39.6	20.7	7.7	17.2	518
FREEZING PRECIP				100.0			1
FRCZEN PRECIP			60.0			40.0	5
FOG	38.3		27.7	12.5	6.8	14.7	871
FOG WITH VIS GE 1/2 MILES	36.2		28.4	13.4	7.1	14.9	799
TOTAL OBS	1388	0	1588	858	742	1317	0 5693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	6.2		17.8	25.9	27.5	22.6	1267
LIQUID PRECIP	11.0		36.5	24.4	12.7	15.4	4373
FREEZING PRECIP			23.8	42.9		33.3	21
FROZEN PRECIP	1.5		10.8	10.8	1.5	75.4	65
FOG	35.0		24.8	15.3	12.8	12.1	10367
FOG WITH VIS GE 1/2 MILES	34.0		25.2	15.6	13.0	12.1	10046
TOTAL OBS	16629	0	17378	11436	13466	14709	0 73618



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN PER.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE		NAVY AND NATIONAL WEATHER SERVICE	
THROUGH 1945:	0800 LST	THROUGH JUN 1952:	0030 GMT
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY 1957:	1230 GMT
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRESENT:	1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3901-5607,6509-8908  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	53.8	56.1	57.0	54.3	61.4	59.0	47.2	56.0	64.2	76.6	64.5	58.0	59.8
TRACE	11.7	9.5	10.8	8.9	10.5	10.2	12.8	14.8	10.0	8.1	9.8	9.4	10.6
.01	2.4	2.0	1.6	1.8	2.2	1.6	2.4	2.8	1.3	.8	1.7	1.7	1.9
.02-.05	6.3	5.1	2.9	3.5	4.5	4.8	6.1	5.0	5.0	2.5	2.9	5.3	4.5
.06-.10	4.1	3.0	2.8	2.0	3.5	2.3	4.1	2.9	2.8	1.5	2.5	3.5	2.9
.11-.25	5.4	5.4	5.8	5.4	4.8	6.6	8.8	5.4	5.8	3.8	4.8	4.8	5.6
.26-.50	6.0	7.0	6.3	5.2	4.1	5.6	7.5	4.9	3.6	2.5	5.1	5.3	5.2
.51-1.00	6.5	6.7	6.8	4.5	4.9	6.1	6.1	4.0	3.3	2.4	4.9	6.5	5.2
1.01-2.50	3.4	4.7	5.6	3.5	3.5	3.3	4.7	4.0	3.2	1.8	3.4	4.9	3.8
2.51-5.00	.4	.4	.5	1.0	.4	.4	.4	.2	.8	.2	.3	.5	.4
5.01-10.00		.1	.1			.1		.1	.1		.1		.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	34.5	34.4	32.3	26.8	28.0	30.8	40.0	29.2	25.8	15.4	25.7	32.5	29.6
TOTAL NO. OF OBSERVATIONS	1289	1188	1302	1260	1302	1260	1301	1271	1230	1301	1259	1272	15235

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3901-5607,6509-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										.66	1.66	3.88	6.20*
36	11.60	6.33	1.68	5.01	2.75	1.14	4.58	3.35					36.44*
39	2.71	5.66	5.00	2.20	2.27	3.77	3.72	15.39	2.84	.26	.54	2.55	46.91
40	3.76	4.92	5.63	4.10	.75	7.47	5.62	2.51	.23	.53	3.88	7.93	47.33
41	2.90	3.53	4.92	2.07	.47	6.57	6.77	3.60	2.54	1.47	1.25	10.12	46.21
42									2.25	1.32	1.74	9.02	14.33*
43	5.02	1.79	14.04	1.48	3.40	2.88	6.06	3.37	2.35	1.58	3.46	3.08	48.51
44	5.18	5.91	10.19	8.69	2.36	2.57	3.55	4.83	2.54	.36	5.33	3.25	54.76
45	2.58	3.85	2.97	11.23	4.74	6.11	5.41	1.99	4.43	2.51	3.29	7.49	56.60
46	7.09	3.73	9.08	2.89	7.36	9.46	7.70	4.73	7.10	1.38	3.47	2.76	66.75
47	10.57	1.59	5.87	7.10	3.65	3.97	4.24	6.75	.13	.74	8.19	4.72	57.52
48	3.52	5.42	7.37	2.04	3.54	2.47	6.06	3.75	2.95	1.54	19.34	3.32	61.32
49	2.33	4.98	4.92	4.54	2.72	11.77	8.74	5.46	1.46	3.20	.13	3.73	53.98
50	2.36	3.53	3.97	3.83	4.72	2.98	9.71	2.75	6.63	1.04	.87	4.53	46.92
51	3.92	1.68	4.34	3.87	2.85	3.17	3.73	3.28	8.41	1.43	3.16	4.94	44.78
52	2.79	3.84	6.58	3.46	5.55	2.35	2.87	3.87	2.94	.88	1.08	6.91	43.12
53	3.50	6.07	3.18	9.26	3.16	4.21	6.23	1.15	7.15	.36	2.26	9.58	56.11
54	.85	6.88	4.26	2.85	.94	2.11	3.40	.95	.46	1.91	1.81	3.74	30.16
55	3.39	2.68	2.45	6.35	5.85	2.23	6.30	3.17	.42	1.13	3.45	.89	38.31
56	2.32	5.09	7.95	2.18	.86	3.80	4.76						26.96*
65									4.33	1.24	1.40	3.66	10.63*
66	5.63	5.46	5.83	1.64	4.60	2.23	3.36	2.95	6.87	8.27	4.50	5.62	56.96
67	3.25	5.12	2.29	2.22	5.29	7.83	8.05	3.94	3.89	4.21	2.92	9.85	58.86
68	3.13	2.12	2.54	4.44	1.95	2.42	2.52	3.71	1.47	1.29	6.40	6.51	38.50
69	2.20	5.00	5.44	2.70	5.88	2.07	5.98	7.33	5.27	1.71	.64	4.05	48.27
70	3.86	3.66	6.70	2.34	3.48	6.52	6.02	6.46	2.47	4.35	2.03	5.29	53.18
71	2.95	8.11	11.33	5.11	4.30	2.79	6.63	2.93	5.52	.58	2.28	.57	59.10
72	6.74	3.99	5.86	1.05	3.71	4.93	4.75	1.27	2.95	1.48	4.92	7.1	49.21
73	4.45	4.75	11.94	9.10	3.40	4.44	6.16	3.01	4.34	.50	5.08	4.92	62.09
74	7.22	2.60	2.47	3.94	4.03	3.44	4.57	8.71	6.63	.61	3.64	5.98	53.84
75	9.16	8.48	9.00	6.48	5.06	8.53	10.73	5.34	7.67	6.55	3.43	5.43	85.86

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3901-5607,6509-6908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FE	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	3.56	2.43	9.83	1.48	6.29	5.40	3.64	2.78	2.89	1.66	5.35	5.45	50.76
77	4.87	3.40	8.42	1.64	2.58	2.56	5.22	3.71	6.90	2.52	4.03	3.25*	49.10*
78	8.29	2.46	3.13	4.80	12.88	4.13	3.23	5.40	6.10	.02	3.42	5.31*	59.17*
79	7.28	8.54	5.93	9.92	3.72	.50	8.07	1.10	4.68	.91	4.40	2.71*	57.76*
80	4.62	4.26	10.63	5.84	6.18	3.77	3.53	1.68	2.59	3.46	2.74	1.77*	51.07*
81	2.13*	7.99	4.66	6.69	3.79	1.35	4.84	4.48	.79	2.42	.46	7.15	46.75*
82	4.54	7.93	3.05	7.74	2.99	4.93	6.27	1.27	3.27	1.34	6.69	7.74	57.76
83	5.63	6.16	7.84	8.93	5.09	5.21	1.65	2.02	5.05	3.21	6.60	6.87	64.26
84	4.40	4.01	3.13	4.03	5.63	3.50	5.46	11.58	1.14	3.58	3.47	3.70	53.63
85	2.87	7.72	1.60	2.65	3.62	3.36	8.81	5.26	5.18	4.05	2.30	3.74	51.16
86	.86	5.70	9.71	.27	4.59	1.22	5.08	1.34	4.09	3.16	8.66	3.26	47.94
87	7.42	9.02	4.27	.50	2.28	4.20	3.06	3.52	5.12	.21	3.64	3.50	46.74
88	4.89	5.27	3.79	5.17	1.30	3.05	9.79	3.21	10.36	3.94	7.99	4.75	63.51
89	1.87	2.39	7.87	5.96	5.77	10.51	4.12	2.26					40.75*
LEAST	.85	1.59	1.60	.27	.47	.50	1.65	.95	.13	.02	.13	.89	30.16
GREATEST	11.60	9.02	14.04	11.23	12.88	11.77	10.73	15.39	10.36	8.27	19.34	10.12	85.86
MEAN	4.54	4.86	5.99	4.47	3.96	4.24	5.50	4.05	4.01	1.99	3.85	5.37	52.97
MEDIAN	3.86	4.95	5.54	3.99	3.68	3.64	5.32	3.37	3.89	1.45	3.44	4.93	53.41
SD	2.456	2.051	3.076	2.783	2.172	2.553	2.120	2.823	2.465	1.733	3.250	2.220	9.865
TOTAL OBS	1289	1188	1302	1260	1302	1260	1301	1271	1230	1301	1259	1272	15235

THE GREATEST VALUE OF 19.34 OCCURRED ON 11/48

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL PERIOD OF RECORD: 3510-3608,3901-5607,6509-8908  
LST TO UTC: +06 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										.49	.98	1.94	1.94*
36	2.83	1.73	.90	1.44	1.50	.52	2.13	1.46					2.83*
39	.75	1.16	1.73	.61	.57	.71	1.47	5.60	.83	.19	.27	1.30	5.60
40	.98	2.03	2.28	2.05	.34	1.46	1.48	.96	.18	.42	1.58	2.18	2.28
41	1.63	1.30	1.89	.52	.47	1.41	1.28	1.70	.90	1.08	.49	2.82	2.82
42									1.47	.71	1.00	3.02	3.02*
43	2.19	.65	3.59	.91	2.26	1.06	2.18	2.29	.74	1.35	2.67	1.39	3.59
44	2.94	1.08	3.75	3.44	1.02	.68	1.00	1.09	1.39	.23	1.46	1.06	3.75
45	1.23	1.81	.87	2.71	2.80	2.01	1.33	1.05	1.50	1.25	2.36	2.08	2.80
46	1.60	1.36	2.19	1.15	1.78	6.28	2.09	1.88	1.96	1.06	.60	1.36	6.28
47	2.34	.90	1.51	1.61	1.60	1.03	2.00	2.50	.10	.20	2.06	1.25	2.50
48	1.48	1.16	2.33	.72	1.42	.85	3.42	1.93	1.34	1.09	5.85	1.30	5.85
49	.92	1.00	.94	1.55	1.64	3.30	4.68	2.44	.82	1.34	.13	1.40	4.68
50	1.29	1.40	.91	1.30	1.52	1.65	3.81	1.31	3.87	.45	.63	1.90	3.87
51	.82	.58	1.88	.89	1.06	1.45	1.77	1.43	2.80	.53	1.08	1.60	2.80
52	1.40	1.11	1.65	1.41	1.06	1.20	1.22	1.38	1.07	.87	.39	1.39	1.65
53	1.14	1.60	1.48	3.09	.75	.92	1.80	.48	5.39	.23	.78	3.07	5.39
54	.46	5.09	1.61	2.12	.58	.64	.84	.45	.16	1.30	.52	1.13	5.09
55	1.06	1.72	.89	3.04	1.55	.69	3.00	1.62	.37	.44	1.45	.57	3.04
56	1.06	1.04	2.29	1.02	.32	1.20	1.09						2.29*
65									3.60	.80	.69	1.60	3.60*
66	.94	1.25	1.87	.85	1.29	.96	1.45	1.17	2.41	3.30	2.00	2.30	3.30
67	.86	2.12	1.03	.99	2.09	3.16	1.84	1.35	2.16	1.68	1.34	2.29	3.16
68	.91	.83	1.24	1.66	1.11	2.03	.80	1.45	1.06	1.21	2.50	1.53	2.50
69	1.12	1.48	2.58	.83	1.34	.66	2.07	2.39	3.89	1.62	.26	1.15	3.89
70	1.71	1.03	2.27	.90	1.60	2.52	3.12	2.18	1.70	1.48	1.11	1.75	3.12
71	1.08	1.39	2.62	2.46	1.22	.58	1.57	1.22	2.45	.31	.96	1.87	2.62
72	1.01	1.41	2.30	.73	2.27	2.19	1.84	.44	1.14	1.16	1.40	1.80	2.30
73	1.57	2.54	2.75	3.77	.91	1.04	1.87	.97	2.26	.26	2.10	1.30	3.77
74	1.65	.93	.81	1.88	.73	.82	1.06	2.31	4.04	.61	1.17	3.61	4.04
75	3.33	4.61	2.75	3.52	1.28	2.56	2.08	1.08	4.85	2.65	1.08	1.44	4.85

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3901-5607,6509-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	2.04	.82	1.75	.78	3.18	1.25	.96	1.47	1.11	.61	2.44	1.72	3.18
77	1.19	2.23	1.91	.71	1.74	1.14	1.51	1.25	2.46	1.59	1.58	.75*	2.46*
78	2.02	.87	.92	1.40	4.00	1.74	1.06	1.72	1.85	.02	1.73	2.50*	4.00*
79	2.64	1.49	2.25	2.76	1.46	.30	2.04	.37	2.25	.40	1.35	1.44*	2.76*
80	.87	1.58	1.71	1.69	1.99	1.39	1.04	1.39	1.09	1.84	1.19	.94*	1.99*
81	.54*	3.63	1.21	4.34	1.82	.61	2.34	1.06	.50	1.36	.40	2.83	4.34*
82	.93	3.04	1.32	2.19	2.00	1.33	2.00	.96	1.97	.57	2.63	2.59	3.04
83	2.92	2.00	1.99	2.88	2.26	.95	.94	.58	2.18	1.37	1.88	2.05	2.92
84	1.50	1.44	1.01	1.60	1.63	1.01	1.09	3.39	1.14	.90	1.45	2.12	3.39
85	1.30	2.93	.61	1.56	2.01	1.21	2.33	2.08	2.93	.99	1.18	1.07	2.93
86	.50	1.27	6.00	.15	1.88	.33	1.51	.44	2.65	1.65	1.40	.77	6.00
87	1.99	1.67	1.49	.44	1.26	1.14	1.36	1.83	2.46	.17	1.59	1.60	2.46
88	1.43	1.71	1.06	2.84	.55	1.85	2.19	2.01	3.12	1.36	2.79	1.97	3.12
89	.69	1.03	2.35	2.67	2.80	2.90	.90	.80					2.90*
.....													
GREATEST	3.33	5.09	6.00	4.34	4.00	6.28	4.68	5.60	5.39	3.30	5.85	3.61	6.28
.....													
TOTAL OBS	1289	1188	1302	1260	1302	1260	1301	1271	1230	1301	1259	1272	15235
.....													

THE GREATEST VALUE OF 6.28 OCCURRED ON 06/01/46

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	96.5	98.1	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.6	98.5	99.3
TRACE	2.9	1.7	1.1								.4	1.4	.6
0.1-0.4	.4	.1										.1	.0
0.5-1.4	.1			.1								.1	.0
1.5-2.4	.1	.1											.0
2.5-3.4	.1												.0
3.5-4.4													
4.5-6.4													
6.5-10.4													
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	.6	.2		.1								.1	.1
TOTAL NO. OF OBSERVATIONS	1629	1496	1643	1588	1643	1590	1643	1643	1560	1642	1589	1613	19279

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										.0	.0	1.0	1.0*
36	TRACE	TRACE	.0	.0	.0	.0	.0	.0					TRACE*
37	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42									.0	.0	.0	.0	.0*
43	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
46	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
47	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
57	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
59	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.2
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE*	5.9*
78	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
79	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
80	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
81	.0*	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE*
82	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
83	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
84	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
85	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
86	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	TRACE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOW/FALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
GREATEST	5.9	1.5	TRACE	1.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	5.9
MEAN	.1	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.1
MEDIAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
SD	.830	.212	.000	.137	.000	.000	.000	.000	.000	.000	.000	.153	.316
TOTAL OBS	1629	1496	1643	1588	1643	1590	1643	1643	1560	1642	1589	1613	19279

THE GREATEST VALUE OF 5.9 OCCURRED ON 01/77

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										.0	.0	1.0	1.0*
36	TRACE	TRACE	.0	.0	.0	.0	.0	.0					TRACE*
37	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
38	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
40	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
42									.0	.0	.0	.0	.0*
43	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
44	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
46	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
47	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
48	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
49	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
50	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
51	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
54	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
55	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
56	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
57	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
58	1.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0
59	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
61	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
62	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
63	TRACE	TRACE	.0	.	.0	.0	.0	.0	.0	.0	.0	.4	.4
64	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
65	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	.2
67	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
68	TRACE	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	.4
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
70	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
71	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	TRACE
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
77	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE*	3.0*
78	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
79	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
80	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE*
81	.0*	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE*
82	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
83	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
84	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
85	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
86	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE
87	TRACE	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
88	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE
89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	3.0	1.5	TRACE	1.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	3.0
TOTAL OBS	1629	1496	1643	1588	1643	1590	1643	1643	1560	1642	1589	1613	19279

THE GREATEST VALUE OF 3.0 OCCURRED ON 01/18/77

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.9
TRACE	.4	.1	.1									.2	.1
1	.2			.1								.1	.0
2													
3	.1												.0
4-6													
7-12													
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	.3			.1								.1	.0
TOTAL NO. OF OBSERVATIONS	1629	1496	1641	1589	1643	1590	1643	1643	1560	1642	1589	1613	19278



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										0	0	1	1*
36	0	0	0	0	0	0	0	0					0*
37	0	0	0	0	0	0	0	0	0	0	0	0	0
38	0	0	0	0	0	0	0	0	0	0	0	0	0
39	0	0	0	0	0	0	0	0	0	0	0	0	0
40	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
41	0	0	0	0	0	0	0	0	0	0	0	0	0
42									0	0	0	0	0*
43	0	0	0	0	0	0	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
45	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0	0	0	0	0	0	0
48	0	0	0	0	0	0	0	0	0	0	0	0	0
49	0	0	0	0	0	0	0	0	0	0	0	0	0
50	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	0	0	0	0	0	0	0	0
52	0	0	0	0	0	0	0	0	0	0	0	0	0
53	0	0	0	0	0	0	0	0	0	0	0	0	0
54	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0	0	0	0	0	0	0	0	0	0	0	0	0
56	0	0	0	0	0	0	0	0	0	0	0	0	0
57	0	0	0	0	0	0	0	0	0	0	0	TRACE	TRACE
58	1	0	0	0	0	0	0	0	0	0	0	0	1
59	0	0	0	0	0	0	0	0	0	0	0	0	0
60	0	0	0	0	0	0	0	0	0	0	0	0	0
61	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
62	0	0	0	0	0	0	0	0	0	0	0	0	0
63	0	0	0	0	0	0	0	0	0	0	0	0	0
64	0	0	0	0	0	0	0	0	0	0	0	0	0
65	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	1	0	0	0	0	0	0	0	0	0	0	0	1
67	0	0	0	0	0	0	0	0	0	0	0	0	0
68	0	0	0	0	0	0	0	0	0	0	0	0	0
69	0	0	0	0	0	0	0	0	0	0	0	0	0
70	0	0	0	0	0	0	0	0	0	0	0	0	0
71	0	0	0	0	0	0	0	0	0	0	0	0	0
72	0	0	0	0	0	0	0	0	0	0	0	0	0
73	0	0	0	0	0	0	0	0	0	0	0	0	0
74	0	0	0	0	0	0	0	0	0	0	0	0	0
75	0	0	0	0	0	0	0	0	0	0	0	0	0
76	0	0	0	0	0	0	0	0	0	0	0	0	0
77	3	0	0	0	0	0	0	0	0	0	0	0*	3*
78	0	0	0	0	0	0	0	0	0	0	0	0*	0*
79	0	0	0	0	0	0	0	0	0	0	0	0*	0*
80	0	0	TRACE	0	0	0	0	0	0	0	0	0*	TRACE*
81	0*	0	0	0	0	0	0	0	0	0	0	0	0*
82	TRACE	0	0	0	0	0	0	0	0	0	0	0	TRACE
83	0	0	0	0	0	0	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0	0	0	0	0	0	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0
86	0	0	0	0	0	0	0	0	0	0	0	0	0
87	TRACE	0	0	1	0	0	0	0	0	0	0	0	1
88	0	0	0	0	0	0	0	0	0	0	0	0	0
89	0	0	0	0	0	0	0	0	0	0	0	0	0*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	3	TRACE	TRACE	1	0	0	0	0	0	0	0	1	3
TOTAL OBS	1629	1496	1641	1589	1643	1590	1643	1643	1560	1642	1589	1613	19278

THE GREATEST VALUE OF 3 OCCURRED ON 01/19/77

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 3510-3608,3701-8908  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
35 - 36	DEC 22	DEC 22	DEC 22	FEB 05	DEC 22	DEC 22
36 - 37	FEB 17			FEB 17		
37 - 38	DEC 08			DEC 08		
39 - 40	JAN 22	JAN 22		JAN 25	JAN 23	
42 - 43	MAR 03			MAR 03		
44 - 45	DEC 11			DEC 11		
45 - 46	DEC 14			JAN 22		
46 - 47	MAR 02			MAR 02		
47 - 48	JAN 17	JAN 17		JAN 17	JAN 17	
48 - 49	JAN 29			JAN 30		
49 - 50	DEC 15			MAR 03		
50 - 51	NOV 24			MAR 13		
51 - 52	FEB 26			MAR 24		
53 - 54	DEC 25			MAR 05		
54 - 55	JAN 23			JAN 23		
56 - 57	NOV 29			MAR 08		
57 - 58	DEC 11	JAN 08	JAN 08	FEB 14	JAN 08	JAN 08
58 - 59	DEC 11			JAN 16		
59 - 60	JAN 01			FEB 13		
60 - 61	DEC 14			JAN 28		
61 - 62	JAN 09			MAR 05		
62 - 63	JAN 20			FEB 11		
63 - 64	DEC 21	DEC 31		JAN 16	DEC 31	
64 - 65	JAN 16			MAR 07		
65 - 66	JAN 20	JAN 25	JAN 25	JAN 29	JAN 25	JAN 25

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL

PERIOD OF RECORD: 3510-3608,3701-8908

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
66 - 67	NOV 02			FEB 07		
67 - 68	NOV 28	FEB 23		MAR 23	FEB 23	
68 - 69	NOV 11			NOV 11		
69 - 70	DEC 05			JAN 22		
70 - 71	FEB 08			MAR 03		
71 - 72	NOV 23			NOV 23		
72 - 73	JAN 10	FEB 09		FEB 09	FEB 09	
73 - 74	DEC 17			DEC 21		
74 - 75	DEC 01			DEC 01		
75 - 76	JAN 03			JAN 04		
76 - 77	JAN 10	JAN 10	JAN 19	JAN 31	JAN 31	JAN 31
77 - 78	DEC 29			MAR 04		
78 - 79	JAN 02			FEB 09		
79 - 80	MAR 02			MAR 02		
80 - 81	FEB 06			FEB 06		
81 - 82	JAN 12	JAN 12		JAN 14	JAN 12	
82 - 83	MAR 10			MAR 24		
83 - 84	FEB 28	FEB 28		FEB 29	FEB 28	
84 - 85	JAN 04			FEB 11		
85 - 86	DEC 14			FEB 11		
86 - 87	JAN 21	APR 03	APR 03	APR 03	APR 03	APR 03
88 - 89	DEC 12			DEC 12		
MEDIAN-DATE	JAN 02	JAN 19	JAN 19	FEB 09	JAN 24	JAN 25

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS)  
THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.  
IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED:  
WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST  
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 4502-4601,5304-5607,6401-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
45		W *54	ESE 43	NW 65	SE 38	NW 59	ENE 44	NE 34	NE 47	SSE 38	WNW*32	SW *30	NW *65
46	SE 31												SE *31
53				SE *37	WNW 32	WNW 40	W *30	NNW 18	NNE 46	W 29	WNW 28	WNW 35	NNE*46
54	W 36	WNW 42	W 61	SW 43	NNW 26	NNW 44	ESE 45	ENE 52	ENE 41	NNW 30	SW 40	NNW 42	W 61
55	NW 40	WNW 39	SSW 39	NNW 38	W 52	W 30	NE 52	NE 26	E 40	W 51	SSW 47	W 33	W 52
56	WSW*34	W 52	WNW 43	SSW 45	NW 33	E 44	NNW*46						W *52
64	NW 38	W *34	WSW 41	SW 43	NW 30	SSW 29	WSW 21	W 31	N 29	E 32	SSW 29	WSW 40	SW *43
65	WNW 30	W 33	NNE 42	SSW 30	SSE 58	SSW 32	SW 36	NW 34	SSE 24	W 33	NW 33	N 31	SSE 59
66	WNW 30	SSE 36	W 31	NW 29	SW 21	ENE 37	W 29	SSE 28	S 29	E 30	NW 24	S 22	ENE 37
67	SW 35	SE 32	W 30	N 32	ENE 26	ENE 33	WNW 23	NW 20	E 18	NW 21	WSW 28	NW 28	SW 35
68	SW 37	NNW 26	S 30	SW 21	ESE 37	W 24	32/ 33	06/ 31	31/ 18	30/ 22	24/ 28	27/ 33	SW 37
69	19/ 21	30/ 40	13/ 31	32/ 24	36/ 38	18/ 25	02/ 28	15/ 23	14/ 20	17/*21	*	*	30/*40
70	*	34/*25	16/ 26	29/ 42	06/ 44	18/ 33	29/ 28	18/ 39	18/ 46	15/ 21	19/ 23	12/ 38	18/*46
71	32/ 30	21/ 50	30/ 40	33/ 33	06/ 38	30/ 41	33/ 45	34/ 25	11/ 25	28/ 24	24/ 28	08/ 27	21/ 50
72	32/ 42	31/ 36	28/ 50	22/ 27	17/ 31	04/ 32	27/ 40	36/ 34	19/ 21	08/ 21	28/ 27	31/ 31	28/ 50
73	14/ 29	14/ 29	27/ 40	27/ 28	21/ 48	31/*26	31/ 32	10/ 29	16/ 27	13/*22	31/ 40	25/ 32	21/*48
74	30/ 30	18/ 38	28/ 42	32/ 38	33/ 36	24/ 38	28/ 29	23/ 42	01/ 29	05/ 20	34/ 38	10/ 28	28/ 42
75	25/ 44	31/ 38	26/ 36	25/ 38	18/ 29	03/ 41	33/ 36	33/ 34	34/ 45	14/ 23	17/ 24	26/ 25	34/ 45
76	31/ 25	22/ 40	29/ 31	26/ 22	14/ 31	28/ 35	34/ 35	23/ 29	07/*18	13/ 31	28/ 27	30/ 28	22/*40
77	32/ 38	16/ 38	28/ 36	19/ 36	09/ 31	35/ 35	19/ 34	19/ 32	19/ 32	32/ 26	18/ 24	31/*31	32/*38
78	26/ 44	23/ 36	31/ 37	33/ 43	10/ 41	35/*40	03/ 30	28/ 28	07/ 30	34/ 23	32/ 27	25/*30	26/*44
79	27/ 42	30/ 29	14/ 46	27/ 35	30/ 29	36/ 23	10/ 33	27/ 31	15/ 38	33/ 30	25/ 42	35/*23	14/*46
80	36/ 28	16/ 50	34/ 31	19/ 32	19/ 41	28/ 30	03/ 42	15/ 23	09/ 28	36/ 22	11/ 30	31/*21	16/*50
81	33/*20	21/ 40	28/ 35	29/ 27	16/ 34	18/ 30	27/ 50	17/ 32	30/ 26	33/ 26	33/ 30	32/ 26	27/*50
82	30/ 33	09/ 28	13/ 27	30/ 42	15/ 30	30/ 38	36/ 32	31/ 30	03/ 42	16/ 20	24/ 37	25/ 27	30/ 42
83	08/ 33	26/ 36	12/ 35	18/ 45	31/ 37	10/ 35	27/*30	32/ 32	21/ 42	10/ 22	28/ 42	27/ 40	18/*45
84	31/ 29	29/ 37	28/ 36	31/ 37	30/ 49	27/ 35	33/ 37	26/ 33	10/ 22	21/ 43	28/ 31	35/ 21	30/ 49
85	33/ 27	28/ 29	11/ 30	29/ 36	27/ 53	23/ 36	31/ 35	18/ 27	19/ 26	09/ 29	21/ 21	31/ 34	27/ 53



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 4502-4601, 5304-5607, 6401-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	32/ 26	23/ 22	16/ 35	35/ 31	30/ 26	21/ 33	33/ 30	28/ 32	09/ 28	18/ 22	17/ 29	09/ 22	16/ 35
87	28/ 31	27/ 33	09/ 35	19/ 29	10/ 22	22/ 41	06/ 46	14/ 25	16/ 23	30/ 22	26/ 29	28/ 32	06/ 46
88	17/ 29	28/ 27	32/ 27	30/ 32	31/ 38	33/ 42	24/ 30	11/ 32	26/ 28	27/ 23	23/ 30	30/ 34	33/ 42
89	28/ 28	33/ 44	17/ 33	33/ 29	27/ 40	24/ 39	11/ 29	35/ 27					33/*44

GREATEST	25/ 44 W	54 W	61 NW	65 SSE	58 NW	59 NE	52 ENE	52 NE	47 W	51 SSW	47 NNW	42 NW	65
TOTAL OBS	863	806	928	912	958	911	936	923	855	852	815	619	10578

THE PEAK WIND OF 65 FROM NW OCCURRED ON 04/28/45

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 10% GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 450-4601,5304-5607,6401-8908

MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.8	17.1	35.6	22.6	14.1	5.6	2.4	1.2	.6	.0	.0	15.3	14.0	863
FEB	.6	11.2	28.9	29.3	16.3	7.4	3.0	2.1	.7	.5	.0	17.1	16.0	806
MAR	.0	6.5	28.1	27.8	19.5	10.3	4.3	2.3	1.0	.2	.0	18.3	17.0	928
APR	.0	8.8	34.2	29.1	14.8	6.6	3.2	2.4	.8	.1	.1	17.0	16.0	912
MAY	.3	9.8	38.0	29.7	12.9	4.6	1.9	1.5	.9	.3	.0	16.1	15.0	958
JUN	.2	10.3	39.7	28.1	10.6	4.7	3.4	1.5	1.2	.1	.0	16.1	14.0	911
JUL	.2	14.4	34.9	23.6	14.9	6.7	3.1	1.1	.9	.2	.0	16.1	15.0	936
AUG	.4	15.0	44.3	23.8	8.8	4.6	2.6	.1	.2	.2	.0	14.7	13.0	923
SEP	.0	18.1	44.3	26.1	6.5	3.0	.5	.5	.9	.0	.0	13.9	13.0	855
OCT	.7	23.4	42.4	22.7	7.9	1.4	1.2	.2	.1	.1	.0	13.3	12.0	852
NOV	1.2	19.9	34.5	25.2	12.8	3.8	1.6	.5	.6	.0	.0	14.6	14.0	815
DEC	.9	20.8	31.1	24.8	13.6	5.6	2.4	.5	.4	.0	.0	15.0	14.0	819
ANNUAL	.4	14.4	36.4	26.1	12.7	5.4	2.5	1.2	.7	.2	.0	15.7	14.0	10578

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	2.2	.3									9.5	3.6	3.0
020-040	8.2	1.9	.3									10.3	3.4	3.0
050-070	4.1	1.1										5.2	3.2	2.0
(E) 080-100	1.4	2.4										3.8	5.4	6.0
110-130	.5	1.9										2.4	5.9	6.0
140-160	.5	1.1										1.6	4.7	5.0
(S) 170-190	1.1	.8										1.9	3.9	3.0
200-220	1.6		.3									1.9	3.6	2.0
230-250	1.4	.3										1.6	3.3	2.5
(W) 260-280	3.8	1.1	.3									5.2	3.7	3.0
290-310	3.8	1.9	1.4									7.1	5.2	4.0
320-340	5.4	3.0	.8									9.2	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											40.2	////////	
TOTALS	38.9	17.7	3.4									100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 368

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.9	1.9										10.8	3.1	3.0
020-040	6.5	2.7	.5									9.7	3.8	4.0
050-070	4.1	1.9	.3									6.2	4.3	4.0
(E) 080-100	2.2	2.4										4.6	4.3	5.0
110-130	2.4	.8										3.2	4.2	4.0
140-160	.5											.5	2.5	2.5
(S) 170-190	.3		.3									.5	7.0	7.0
200-220	.3	.5	.3									1.1	5.8	5.5
230-250	1.1	.8										1.9	4.9	4.0
(W) 260-280	3.0	.5	.5									4.1	4.2	3.0
290-310	3.5	3.8	1.1	.3								8.6	5.8	5.0
320-340	4.9	5.1	.8									10.8	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											37.8	////////////////////////////////	
TOTALS	37.7	20.4	3.8	.3								100.0	2.7	4.0
TOTAL NUMBER OF OBSERVATIONS 370														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	2.9	.2	.1								8.3	4.4	4.0
020-040	9.6	2.1	.1									11.8	3.3	3.0
050-070	6.5	2.0	.6	.1								9.2	4.0	3.0
(E) 080-100	2.1	2.6	.7									5.4	5.6	6.0
110-130	1.9	.3	.2									2.5	3.9	4.0
140-160	1.1	.1	.1									1.3	3.9	3.0
(S) 170-190	1.5	.6										2.0	3.4	3.5
200-220	1.6	.9	.2									2.7	4.5	3.5
230-250	1.8	.1	.3									2.2	3.7	2.0
(W) 260-280	4.3	1.7	.8	.1								6.9	4.6	4.0
290-310	6.0	2.4	1.3									9.7	4.6	4.0
320-340	3.4	4.7	1.5	.1								9.7	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											28.2	////////////////////////////////	
TOTALS	44.9	20.4	6.0	.4								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 889

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	3.7	1.3									10.1	5.4	4.5
020-040	7.0	3.8	.2									11.1	4.0	4.0
050-070	6.9	3.0	.1									10.1	4.0	4.0
(E) 080-100	3.4	3.6	1.0									7.9	5.4	5.0
110-130	3.0	1.8	.3	.1								5.3	4.7	4.0
140-160	2.8	1.0	1.0									4.8	5.3	4.0
(S) 170-190	1.8	.6	.4									2.8	4.8	3.0
200-220	3.2	1.5	.4									5.1	4.6	3.5
230-250	4.4	1.1	.6									6.0	4.2	3.0
(W) 260-280	3.6	2.6	1.2									7.4	5.4	5.0
290-310	3.5	2.6	1.5	.3								7.8	6.2	6.0
320-340	3.5	5.9	1.6	.2								11.2	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	48.1	31.2	9.6	.6								100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 894														

OPERATING LOCATION "A"  
 "CAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
 LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
 MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	4.2	.3	.1								9.6	4.7	4.0
020-040	4.7	3.2	.1									8.0	4.2	4.0
050-070	5.7	1.7	.1	.1								7.6	3.9	3.5
(E) 080-100	3.1	2.9	.4	.1								6.6	5.1	5.0
110-130	2.3	2.0	.2									4.6	4.7	4.0
140-160	2.5	1.8	.8	.1								5.1	5.9	5.0
(S) 170-190	1.5	1.7	1.0	.1								4.2	7.0	6.0
200-220	3.2	.9	1.5	.1								5.7	5.7	4.0
230-250	3.3	4.9	1.5									9.7	6.0	6.0
(W) 260-280	3.9	5.1	1.7									10.7	6.0	6.0
290-310	3.7	4.9	2.8	.2								11.6	6.8	6.0
320-340	4.6	4.9	2.0	.2								11.7	6.0	6.0
VARIABLE														
CALM	////////////////////, //////////////////////											4.8	////////	
TOTALS	43.4	38.2	12.4	1.0								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	3.8	1.2									9.6	5.1	5.0
020-040	5.5	2.6										8.1	3.6	3.0
050-070	4.5	1.0										5.5	3.2	3.0
(E) 080-100	3.7	2.5	.9									7.1	4.9	4.0
110-130	2.2	1.3	.1									3.7	4.5	4.0
140-160	1.5	1.9	.2	.2								3.8	5.8	5.0
(S) 170-190	1.5	2.5	.8	.2								4.9	6.9	6.0
200-220	3.0	1.0	1.1	.1								5.3	5.6	4.0
230-250	4.6	4.0	.4									9.1	4.7	4.0
(W) 260-280	4.7	5.0	1.6	.3								11.6	5.9	6.0
290-310	3.4	3.5	2.9	.2								10.0	6.6	6.0
320-340	4.6	3.8	3.2	.2								11.9	6.5	6.0
VARIABLE														
CALM	////////////////////											9.5	////////	
TOTALS	43.8	32.9	12.4	1.2								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 893



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.4	3.5	.7									11.6	4.4	4.0
020-040	4.1	.9										5.0	3.2	3.0
050-070	3.4	1.5	.2									5.1	3.7	3.0
(E) 080-100	2.7	1.7	.6	.1								5.1	5.0	4.0
110-130	1.4	1.9	.3									3.6	5.7	5.0
140-160	1.9	1.6	.2									3.7	5.0	4.0
(S) 170-190	3.0	1.0	.2	.1								4.4	4.5	4.0
200-220	1.5	1.1	.1	.1								2.8	5.0	4.0
230-250	2.5	.1										2.6	2.7	3.0
(W) 260-280	5.6	1.7	.1									7.4	3.6	3.0
290-310	5.5	3.6	1.4	.1								10.6	5.3	4.0
320-340	4.3	1.4	2.0		.1							7.8	5.6	4.0
VARIABLE														
CALM	////////////////////////////////////											30.3	////////	
TOTALS	43.3	20.0	5.8	.4	.1							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 887

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	3.1	1.5	.1								9.4	5.3	4.0
020-040	5.8	1.4	.2	.1								7.5	3.4	3.0
050-070	3.5	1.4										4.9	3.7	3.0
(E) 080-100	2.8	1.9	1.2									6.0	5.9	5.0
110-130	1.7	1.8	.1									3.6	4.7	5.0
140-160	1.6	1.0	.3									2.9	5.1	4.0
(S) 170-190	2.6	1.0	.1									3.7	4.0	3.0
200-220	3.1	1.0	.1									4.2	3.9	3.0
230-250	2.3	.3										2.6	3.0	2.0
(W) 260-280	3.8	.7	.1									4.6	3.1	2.0
290-310	5.1	2.9	1.1	.1								9.3	4.9	3.0
320-340	4.9	1.5	2.7	.1								9.2	5.9	4.0
VARIABLE														
CALM	////////////////////////////////////											32.1	////////	
TOTALS	42.0	18.0	7.4	.4								100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 884														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
1ST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	5.6	3.4	.8	.0							9.8	4.7	4.0
020-040	6.2	2.3	.1	.0							8.7	3.6	3.0
050-070	5.0	1.7	.2	.0							6.9	3.8	3.0
(E) 080-100	2.8	2.5	.7	.0							6.1	5.3	5.0
110-130	2.0	1.5	.2	.0							3.7	4.8	4.0
140-160	1.7	1.2	.4	.0							3.3	5.3	4.0
(S) 170-190	1.8	1.1	.4	.1							3.4	5.3	4.0
200-220	2.4	1.0	.5	.0							4.0	4.9	4.0
230-250	2.9	1.6	.4								4.9	4.6	4.0
(W) 260-280	4.2	2.6	.9	.1							7.7	5.0	4.0
290-310	4.4	3.3	1.8	.2							9.6	5.7	5.0
320-340	4.3	3.7	2.0	.1	.0						10.2	6.0	5.0
VARIABLE													
CALM	////////////////////////////////////										21.6	////////////////////////////////	
TOTALS	43.3	25.9	8.4	.5							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 6081

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.7	2.5	.4	.1								9.7	4.3	4.0
020-040	8.3	2.3										10.6	3.3	3.0
050-070	7.1	3.0	.4	.1								10.7	4.2	4.0
(E) 080-100	6.6	7.0	2.8	.2								16.7	6.0	6.0
110-130	2.9	2.3	.4	.1								5.8	5.0	4.0
140-160	1.6	1.2	.2									2.9	5.0	4.0
(S) 170-190	.7	.9	.2	.1								2.0	5.7	5.0
200-220	1.0	.8	.3									2.2	5.7	5.0
230-250	1.2	.4	.4									2.0	5.6	4.0
(W) 260-280	3.8	3.4	1.2	.2								8.5	5.6	5.0
290-310	3.6	2.9	2.5									9.0	6.4	6.0
320-340	4.9	3.4	1.9									10.2	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////	
TOTALS	48.4	30.1	10.7	.8								100.0	4.6	4.0

TOTAL NUMBER OF OBSERVATIONS 954

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	2.1	2.1	.6								8.0	6.7	6.0
020-040	1.2	1.8										2.9	4.2	5.0
050-070	3.2	3.5	.6									7.4	5.2	5.0
(E) 080-100	2.4	2.1	1.5									5.9	6.1	5.5
110-130	.6	.3										.9	3.0	2.0
140-160	2.7	.9	1.5									5.0	6.1	4.0
(S) 170-190	3.2	1.2	.6									5.0	4.5	4.0
200-220	2.4	2.1	.6									5.0	5.4	5.0
230-250	2.7	.9										3.5	3.7	4.0
(W) 260-280	1.5	.9										2.4	3.4	3.5
290-310	2.7	2.9		.3								5.9	4.6	5.0
320-340	5.0	3.8	2.7	1.2								12.7	7.0	5.0
VARIABLE														
CALM	////////////////////////////////////											35.4	////////	
TOTALS	30.8	22.5	9.6	2.1								100.0	3.6	5.0
TOTAL NUMBER OF OBSERVATIONS 339														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	2.9	.9	.3								8.8	5.2	4.0
020-040	5.3	.9										6.2	2.7	2.0
050-070	4.1	1.5	.6									6.2	4.7	4.0
(E) 080-100	3.2	2.9	.6									6.8	5.5	5.0
110-130	1.2	.6										1.8	3.0	2.5
140-160	2.6	1.2										3.8	3.5	2.0
(S) 170-190	.6	1.5	.3									2.4	5.6	5.0
200-220	2.4	.6	.3									3.2	4.1	3.0
230-250	1.5	.3	.6									2.4	5.0	3.0
(W) 260-280	3.5	2.1	.3									5.9	4.3	4.0
290-310	3.5	1.8	.3									5.6	4.5	4.0
320-340	5.9	3.2	2.1	.9								12.1	6.2	5.0
VARIABLE														
CALM	////////////////////////////////////											35.0	////////	
TOTALS	38.5	19.5	6.0	1.2								100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 340														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	4.0	1.3	.1								9.5	5.5	5.0
020-040	9.0	1.5	.6									11.1	3.4	2.5
050-070	6.0	3.7	.4									10.0	4.3	4.0
(E) 080-100	2.9	3.2	1.8									7.9	6.4	6.0
110-130	1.5		.4	.1								2.0	4.6	2.0
140-160	2.2	.8	.1									3.2	3.7	4.0
(S) 170-190	2.1	.8	.1									3.1	4.0	4.0
200-220	1.6	.7										2.4	3.3	3.0
230-250	2.2	1.1										3.3	3.6	3.0
(W) 260-280	4.4	1.1	1.1									6.5	4.7	3.0
290-310	3.5	2.4	.6	.1	.1							6.7	5.4	4.0
320-340	3.3	3.1	1.8	.2	.2							8.6	6.9	6.0
VARIABLE														
CALM	////////////////////											25.8	////////	
TOTALS	42.8	22.4	8.2	.5	.3							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	4.6	1.4									9.3	6.1	6.0
020-040	6.9	3.2	.7									10.8	4.2	3.5
050-070	6.7	3.5	.8									11.1	4.5	4.0
(E) 080-100	3.3	4.7	1.4	.1								9.5	6.3	6.0
110-130	.8	1.6	1.2	.1								3.8	7.3	7.0
140-160	3.4	1.9	.5									5.8	4.8	4.0
(S) 170-190	2.1	1.9	.6									4.6	5.4	5.0
200-220	1.9	2.1	.9									4.9	5.9	6.0
230-250	1.6	2.8	1.3									5.8	6.4	6.0
(W) 260-280	1.1	3.7	1.9	.1								6.7	7.6	7.0
290-310	2.7	2.5	1.8	.4	.1							7.4	7.4	8.0
320-340	3.4	3.8	2.4	.4								9.9	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	37.2	36.3	14.9	1.1	.1							100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 849														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	3.9	1.3	.1								8.7	5.9	6.0
020-040	3.9	2.6	.9									7.4	4.9	4.0
050-070	4.4	2.4	.2									6.9	4.2	4.0
(E) 080-100	3.4	3.3	1.4									8.1	5.9	6.0
110-130	1.6	1.5	1.5	.1								4.8	6.9	7.0
140-160	1.4	2.1	.9	.4								4.8	7.3	6.0
(S) 170-190	1.9	1.9	.9	.2	.1	.1						5.2	7.4	6.0
200-220	2.7	1.8	1.9	.1	.1							6.6	7.0	6.5
230-250	2.9	3.5	2.8	.1								9.4	6.8	6.0
(W) 260-280	3.5	3.2	2.8	.1	.2							9.9	7.6	8.0
290-310	3.1	3.3	3.3	.6								10.2	7.5	7.0
320-340	4.0	4.4	3.4	1.1								12.8	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	36.2	33.9	21.3	2.8	.4	.1						100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	3.2	1.5									9.1	5.7	5.0
020-040	3.8	2.5	.6									6.8	4.4	4.0
050-070	3.7	2.0	.6									6.3	4.6	3.0
(E) 080-100	1.4	2.2	1.2									4.8	6.5	6.0
110-130	1.3	1.7	1.3	.1								4.4	7.0	7.0
140-160	1.3	3.1	.6	.1								5.1	6.3	6.0
(S) 170-190	1.4	2.4	.9									4.7	6.3	6.0
200-220	3.3	2.0	.9	.2								6.5	5.9	4.0
230-250	3.1	2.8	2.7	.2								8.9	6.9	7.0
(W) 260-280	3.1	5.3	2.0	.4								10.7	6.8	6.0
290-310	3.7	3.8	2.1	.2								9.8	6.5	6.0
320-340	3.2	5.1	4.3	.4	.2							13.1	7.8	8.0
VARIABLE														
CALM	////////////////////											9.8	////////	
TOTALS	33.7	36.1	18.7	1.6	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	2.8	.9									9.3	4.8	4.0
020-040	2.1	1.3	.1									3.6	4.3	4.0
050-070	4.2	2.0	.6									6.8	4.6	4.0
(E) 080-100	2.1	1.5	1.3	.1								5.1	6.6	5.0
110-130	2.0	1.3	.5	.4								4.2	5.9	5.0
140-160	3.3	.7	.4	.2								4.6	4.8	4.0
(S) 170-190	2.4	1.2	1.1									4.6	5.4	4.0
200-220	1.8	1.8	.2									3.8	5.0	5.0
230-250	4.4	.4	.4									5.1	3.2	2.0
(W) 260-280	3.4	2.0	1.2	.1								6.8	5.5	4.0
290-310	4.6	2.0	1.7	.6								8.9	6.1	4.0
320-340	6.4	2.3	2.1	.4	.2							11.4	5.8	4.0
VARIABLE														
CALM	////////////////////////////////////											26.0	////////	
TOTALS	42.2	19.3	10.5	1.8	.2							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	3.0	.6	.2								9.1	4.8	4.0
020-040	3.7	2.3										5.9	4.1	4.0
050-070	2.8	1.5	.2									4.6	4.6	4.0
(E) 080-100	2.5	2.6	.9	.2								6.3	6.2	6.0
110-130	1.7	1.7	.6	.1								4.0	5.9	6.0
140-160	2.0	.6	.1	.1								2.8	4.3	3.5
(S) 170-190	3.6	1.5	.6	.2								5.9	5.2	4.0
200-220	1.8	1.8	.4									3.9	5.1	5.0
230-250	2.5	.4										2.8	3.1	3.0
(W) 260-280	2.1	1.1	.8	.1								4.2	5.9	4.0
290-310	3.0	2.7	1.4	.1	.1							7.4	6.2	5.0
320-340	5.2	3.1	1.7	.6	.1							10.7	6.1	5.0
VARIABLE														
CALM	////////////////////											32.3	////////	
TOTALS	36.2	22.3	7.3	1.6	.2							100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 843														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: ALL

WIND SPED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.3	3.5	1.2	.1								9.1	5.5	5.0
020-040	4.7	2.1	.4								7.3	4.1	4.0	
050-070	4.5	2.5	.5								7.5	4.5	4.0	
(E) 080-100	2.6	2.9	1.3	.1								6.9	6.2	6.0
110-130	1.4	1.2	.8	.1								3.6	6.3	6.0
140-160	2.3	1.5	.5	.1								4.4	5.3	4.0
(S) 170-190	2.2	1.6	.7	.1	.0	.0						4.6	5.6	5.0
200-220	2.2	1.6	.7	.1	.0							4.6	5.6	5.0
230-250	2.7	1.7	1.1	.1							5.5	5.6	5.0	
(W) 260-280	2.9	2.6	1.5	.1	.0						7.1	6.4	6.0	
290-310	3.4	2.7	1.6	.3	.1						8.1	6.4	5.0	
320-340	4.4	3.6	2.6	.6	.1						11.2	6.8	6.0	
VARIABLE														
CALM	////////////////////////////////////											20.2	////////////////////////////////	
TOTALS	37.6	27.5	12.9	1.7	.2						100.0	4.6	5.0	

TOTAL NUMBER OF OBSERVATIONS 5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	1.9	.4									6.2	4.3	4.0
020-040	5.1	2.7	.6									8.3	4.3	4.0
050-070	5.7	6.3	1.3									13.2	5.4	5.0
(E) 080-100	3.7	6.3	3.4	.3								13.7	7.2	7.0
110-130	2.0	1.6	.5	.1								4.2	5.1	5.0
140-160	3.5	1.4	.5									5.4	4.3	3.0
(S) 170-190	2.1	2.2	.5	.1		.1						5.0	5.9	5.0
200-220	2.1	1.6	.4									4.1	5.0	4.0
230-250	2.0	.3	.3									2.6	3.8	3.0
(W) 260-280	2.2	2.4	.5	.1	.1							5.3	6.1	5.0
290-310	3.4	3.9	1.0	.3								8.5	5.9	5.0
320-340	4.2	4.6	2.1	.4	.1							11.3	6.5	6.0
VARIABLE														
CALM	////////////////////////////////////											12.4	////////	
TOTAL	39.9	35.2	11.5	1.3	.2	.1						100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 1008

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	3.5	.5									7.5	4.8	5.0
020-040	9.4	1.3										10.8	3.0	3.0
050-070	3.8	.8	.3	.3								5.1	4.5	3.0
(E) 080-100	1.9	1.1	.3									3.2	4.1	4.0
110-130	1.3	1.1	1.1	.5								4.0	8.3	8.0
140-160	4.3	1.3	.8	.3								6.7	5.3	4.0
(S) 170-190	4.3	.5	.5									5.4	3.7	2.5
200-220	4.3	1.6	.5									6.5	4.8	4.0
230-250	1.3	.8										2.2	4.8	4.0
(W) 260-280	2.7	1.6	.5									4.8	4.6	3.5
290-310	2.4	2.4	.8									5.6	5.5	5.0
320-340	1.9	3.8	.5									6.2	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											32.0	////////	
TOTALS	41.1	19.8	5.8	1.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	4.8										9.1	4.5	5.0
020-040	7.5	2.4										9.9	3.3	3.0
050-070	6.7	1.3										8.1	3.7	4.0
(E) 080-100	1.3	.8	1.1	.3								3.5	6.7	5.0
110-130	2.7	.3	.5									3.5	4.2	3.0
140-160	3.0	1.1										4.0	3.5	4.0
(S) 170-190	3.8	.5	1.1									5.4	4.9	4.0
200-220	2.4	2.4	.3									5.1	4.7	5.0
230-250	3.8	.8										4.6	3.2	2.0
(W) 260-280	1.9	1.3	.5									3.8	5.2	4.5
290-310	1.9	2.2	.5									4.6	5.5	6.0
320-340	2.2	1.6	1.1									4.8	5.7	5.0
VARIABLE														
CALM	////////////////////											33.6	////////	
TOTALS	41.5	19.5	5.1	.3								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 372



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	2.0	.3	.1								4.9	5.2	4.5
020-040	9.4	3.9	.4									13.7	3.8	3.0
050-070	5.4	2.0	.6	.1								8.2	4.5	4.0
(E) 080-100	3.3	3.2	.5	.2								7.3	5.8	5.0
110-130	2.2	1.5	.3	.1								4.1	5.1	4.0
140-160	1.9	1.2	.5									3.7	5.3	4.0
(S) 170-190	2.4	1.5	1.2									5.1	5.7	5.0
200-220	3.4	1.1	.3									4.8	4.0	3.0
230-250	2.7	.8										3.4	3.3	2.0
(W) 260-280	2.0	1.9	.6									4.6	5.9	5.0
290-310	2.5	2.9	1.7	.1								7.2	6.9	7.0
320-340	3.1	2.6	1.1	.1								6.9	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											26.1	////////	
TOTALS	40.8	24.6	7.5	.7								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	2.9	.6									.5	5.1	5.0
020-040	3.9	4.6	.4									8.9	5.1	5.0
050-070	4.7	3.7	.1									8.5	4.3	4.0
(E) 080-100	3.1	4.2	1.1									8.4	5.8	6.0
110-130	2.7	3.2	1.0	.2								7.1	6.0	5.0
140-160	1.1	3.3	2.3	.1								6.8	8.0	8.0
(S) 170-190	2.3	2.5	1.7	.1								6.6	6.8	7.0
200-220	2.2	3.4	1.3	.1	.1							7.1	6.6	6.0
230-250	3.0	3.7	1.9	.1								8.7	6.6	6.0
(W) 260-280	3.0	2.9	1.9	.1	.1							8.1	6.5	6.0
290-310	2.5	2.4	2.7	.3								7.8	7.7	8.0
320-340	2.8	2.9	2.6	.3								8.6	7.6	8.0
VARIABLE														
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	34.2	39.7	17.6	1.3	.2							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.5	.6									6.9	5.6	5.0
020-040	3.7	2.8	.4									6.9	5.2	4.0
050-070	4.0	1.6	.3									5.9	4.1	3.0
(E) 080-100	2.3	2.0	1.3									5.6	6.3	6.0
110-130	1.5	2.6	1.3									5.4	6.7	6.0
140-160	2.5	2.8	1.7	.1								7.1	6.8	6.0
(S) 170-190	1.7	3.3	2.6	1.1								8.7	8.9	8.0
200-220	3.0	3.2	3.3	.4	.3							10.3	8.0	8.0
230-250	2.4	4.6	2.9	.4	.1							10.4	7.8	8.0
(W) 260-280	3.2	4.2	2.5	.1	.4							10.4	7.4	7.0
290-310	1.8	3.3	3.4	.2								8.8	8.3	8.0
320-340	2.3	3.3	4.1	.4	.2							10.3	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	31.1	37.2	24.4	2.7	1.0							100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.5	3.7	1.0	.1								7.2	6.0	6.0
020-040	3.4	1.5	.1									5.1	4.1	4.0
050-070	2.7	1.5	.4									4.6	4.9	4.0
(E) 080-100	1.6	2.7	1.0	.1								5.4	6.4	6.0
110-130	.8	1.1	1.3	.1								3.2	7.8	7.0
140-160	1.7	2.0	1.8	.2								5.8	7.4	7.0
(S) 170-190	2.4	4.3	3.0	.3	.1							10.1	7.6	8.0
200-220	2.3	3.7	2.8	.1	.1							8.9	7.7	8.0
230-250	3.3	4.6	1.3	.1	.3							9.7	6.5	6.0
(W) 260-280	3.8	4.9	2.0	.3	.1							11.2	6.7	6.0
290-310	2.2	3.5	3.9	.4	.1							10.1	8.4	8.0
320-340	1.8	5.5	3.9	.2								11.4	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	28.5	39.0	22.5	1.9	.7							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.0	3.1	.3									10.5	4.1	4.0
020-040	3.1	1.0	.3									4.4	3.9	3.0
050-070	2.5	.8	.3									3.6	4.3	4.0
(E) 080-100	2.1	1.5	.9	.1								4.5	6.2	6.0
110-130	2.1	1.4	.8									4.2	5.7	5.0
140-160	2.8	1.8	.9	.2	.1							5.8	5.7	5.0
(S) 170-190	4.8	5.0	1.4	.2								11.4	6.1	6.0
200-220	2.7	2.9	.4									6.1	5.4	5.5
230-250	3.9	.3	.1	.1								4.4	3.0	2.0
(W) 260-280	4.5	1.0	.4	.1								6.1	4.3	3.0
290-310	3.5	2.2	1.1	.2								6.9	6.0	4.5
320-340	4.2	3.0	1.8	.2								9.3	6.2	6.0
VARIABLE														
CALM	////////////////////											22.7	////////	
TOTALS	43.2	24.0	8.7	1.1	.1							100.0	4.0	4.0
TOTAL NUMBER OF OBSERVATIONS 924														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	2.7	.7									8.1	4.7	4.0
020-040	8	2.1	.1									8.1	3.7	3.0
050-070	2.9	1.1	.4									4.5	4.8	4.0
(E) 080-100	1.2	1.7	.4									3.4	6.0	6.0
110-130	1.7	1.7	1.0	.2								4.6	6.9	6.0
140-160	3.6	2.0	.9	.1								6.6	5.5	4.0
(S) 170-190	4.9	3.5	1.0		.2							9.6	5.1	4.0
200-220	3.1	4.0	.9									8.1	5.6	6.0
230-250	2.9	.4	.1	.1								3.6	3.6	2.0
(W) 260-280	2.6	.3	.7	.3								3.9	5.6	4.0
290-310	3.7	1.5	1.1	.1								6.4	5.4	4.0
320-340	2.5	2.6	1.6	.1								6.7	6.4	6.0
VARIABLE														
CALM	////////////////////											26.6	//////////	
TOTALS	39.6	23.6	8.9	.9	.2							100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 894														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	3.1	.6	.0								7.4	5.0	4.5
020-040	5.3	2.6	.3									8.1	4.1	4.0
050-070	3.9	1.7	.4	.0								6.0	4.4	4.0
(E) 080-100	2.2	2.4	.8	.1								5.5	6.0	6.0
110-130	1.8	1.8	.9	.1								4.6	6.3	6.0
140-160	2.4	2.1	1.2	.1	.0							5.9	6.3	5.0
(S) 170-190	3.2	3.0	1.7	.3	.0							8.2	6.5	6.0
200-220	2.8	2.9	1.4	.1	.1							7.3	6.4	6.0
230-250	3.0	2.2	.9	.1	.1							6.3	5.8	5.0
(W) 260-280	3.1	2.4	1.3	.1	.1							7.0	6.2	5.0
290-310	2.6	2.6	2.1	.2	.0							7.6	7.1	7.0
320-340	2.7	3.2	2.3	.2	.0							8.5	7.1	7.0
VARIABLE														
CALM	////////////////////											17.5	////////	
TOTALS	36.7	30.0	13.9	1.3	.3							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 6282

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.7	.7	.1								6.7	5.9	6.0
020-040	5.3	3.4	.7									9.5	5.0	4.0
050-070	6.7	4.2	2.4	.1								13.4	5.8	4.5
(E) 080-100	2.4	4.7	3.9	.7								11.7	8.0	8.0
110-130	2.7	3.0	1.2									6.8	6.1	6.0
140-160	2.8	2.4	.9									6.1	5.5	5.0
(S) 170-190	2.8	1.9	.6									5.3	4.9	4.0
200-220	2.7	2.5										5.2	4.6	4.0
230-250	2.8	1.5										4.3	4.1	4.0
(W) 260-280	2.4	1.6	1.6									5.6	6.6	6.5
290-310	2.4	1.5	1.8	.3								5.9	7.1	7.0
320-340	1.3	1.8	2.1	.3								5.5	8.6	8.0
VARIABLE														
CALM	////////////////////////////////////											13.9	////////	
TOTALS	36.4	32.2	15.9	1.5								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 674



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.2	.6									6.1	4.9	4.0
020-040	5.0	.6	.3									5.8	3.4	3.0
050-070	.8	.3										1.1	3.0	2.0
(E) 080-100		1.1										1.1	6.8	7.0
110-130	.3	.8	.3									1.4	6.6	6.0
140-160	1.7	.3	.3									2.2	4.6	3.0
(S) 170-190	5.0	2.2	1.1									8.3	4.6	4.0
200-220	6.4	2.2										8.6	3.5	3.0
230-250	6.9	.8										7.8	2.8	2.0
(W) 260-280	4.2	1.7										5.8	3.5	3.0
290-310	3.6	2.8										6.4	4.3	4.0
320-340	1.9	1.4	.6									3.9	4.9	4.5
VARIABLE														
CALM	////////////////////////////////////											41.4	////////////////////////////////	
TOTALS	39.1	16.4	3.2									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 360

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	.5	1.0									5.1	4.2	2.5
020-040	7.2	1.0										8.2	2.9	2.0
050-070	2.8	.5										3.3	2.9	2.0
(E) 080-100	1.5	.8										2.3	4.3	4.0
110-130	.5	1.0										1.5	5.2	6.0
140-160	.8	1.0										1.8	4.3	6.0
(S) 170-190	4.6	2.1	.3									6.9	3.8	3.0
200-220	3.1	1.3	.3									4.6	3.8	2.0
230-250	5.1	.3										5.4	2.2	2.0
(W) 260-280	5.9	3.3										9.2	3.6	4.0
290-310	4.4	2.6										6.9	4.1	3.0
320-340	1.3	1.3	.3									2.8	5.1	6.0
VARIABLE														
CALM	////////////////////////////////////											41.8	////////	
TOTALS	40.8	15.7	1.9									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 390

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	2.1	.1	.1								5.7	4.7	4.0
020-040	7.3	2.3	.1									9.8	3.6	3.0
050-070	5.6	1.9	.3									8.8	3.6	3.0
(E) 080-100	2.9	1.3										4.2	3.8	3.5
110-130	2.7	1.6	.1									4.3	4.3	4.0
140-160	3.1	2.1	.6	.1								5.9	5.4	4.0
(S) 170-190	3.1	1.6	.3									5.0	4.2	4.0
200-220	3.3	1.8	.3		.1							5.6	4.4	2.5
230-250	4.9	2.3	.4	.3								8.0	4.7	4.0
(W) 260-280	4.0	3.4	.3	.2								8.0	5.0	4.5
290-310	2.2	2.8	1.4									6.4	6.4	6.0
320-340	2.2	1.3	1.0									4.6	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											23.8	////////////////////////////////	
TOTALS	45.6	24.5	4.9	.7	.1							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	2.8	.4	.2								6.0	5.8	6.0
020-040	4.8	2.1	.3									7.2	4.2	4.0
050-070	5.4	1.9	.1									7.4	3.9	4.0
(E) 080-100	3.2	2.1	.3									5.7	4.4	4.0
110-130	2.3	2.9	.2									5.4	5.3	6.0
140-160	3.6	4.0	1.3	.1								9.0	6.1	6.0
(S) 170-190	3.0	2.6	.7	.1	.1							6.4	5.7	5.0
200-220	3.4	3.7	1.0	.1								8.2	5.6	5.0
230-250	3.9	4.1	1.7									9.7	6.2	6.0
(W) 260-280	4.1	6.4	2.3	.2	.1							13.2	6.7	6.0
290-310	1.9	3.7	1.4	.2								7.2	7.1	7.0
320-340	2.0	3.2	2.3	.7	.1							8.3	8.1	8.0
VARIABLE														
CALM	////////////////////											6.1	////////	
TOTALS	40.2	39.5	12.0	1.6	.3							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.9	1.0	.1								6.7	6.0	6.0
020-040	3.9	1.7	.1									5.7	3.9	4.0
050-070	3.1	1.0	.3									4.4	4.3	4.0
(E) 080-100	2.4	2.2	.2									4.9	4.8	4.5
110-130	2.7	1.7	.2									4.6	4.6	4.0
140-160	3.1	3.0	1.0	.1								7.2	5.8	5.0
(S) 170-190	2.7	5.0	2.9	.6	.2							11.3	7.8	7.0
200-220	3.9	4.3	2.0		.1							10.3	6.2	6.0
230-250	2.8	5.1	2.8	.1								10.8	7.0	7.0
(W) 260-280	2.2	5.8	4.6	.6								13.1	8.1	8.0
290-310	2.1	3.3	2.2	.1								7.8	7.3	8.0
320-340	2.2	4.3	3.3	.7	.2							10.8	8.4	8.0
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	33.8	40.3	20.6	2.3	.5							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	3.0	.3									6.1	5.2	5.0
020-040	3.7	.9										4.6	3.2	2.0
050-070	2.6	1.0										3.6	3.7	4.0
(E) 080-100	2.1	1.3	.2									3.7	4.4	4.0
110-130	2.1	1.4	.4									4.0	5.1	4.0
140-160	2.0	3.2	1.1	.1								6.4	6.4	6.0
(S) 170-190	3.0	4.9	2.6	.7								11.1	7.5	7.0
200-220	5.1	4.8	1.4	.3								11.7	5.7	5.0
230-250	5.8	5.9	2.6									14.2	6.0	6.0
(W) 260-280	4.2	5.2	3.1	.2								12.8	6.9	7.0
290-310	1.4	3.2	3.2	.1	.1							8.1	8.3	8.0
320-340	1.4	4.9	2.1	.1	.1							8.7	7.7	7.5
VARIABLE														
CALM	////////////////////////////////////											5.1	////////////////////////////////	
TOTALS	36.2	39.7	17.0	1.5	.2							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	2.6	.5									6.8	4.6	4.0
020-040	2.0	.5	.2									2.7	3.6	2.5
050-070	1.2	.5	.2									1.9	4.2	3.0
(E) 080-100	1.9	1.5	.2									3.6	4.6	4.0
110-130	1.9	1.2	.1									3.3	4.5	4.0
140-160	4.4	3.3	.7	.3								8.7	5.5	4.0
(S) 170-190	4.8	2.7	1.2	.2	.1							9.1	5.5	4.0
200-220	8.6	1.7	.2	.1								10.7	3.4	2.0
230-250	7.2	.3										7.5	2.4	2.0
(W) 260-280	5.4	1.9	.3	.2								7.9	4.2	4.0
290-310	4.4	2.3	.8									7.5	4.7	4.0
320-340	4.0	1.7	.6									6.2	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											24.0	////////	
TOTALS	49.5	20.2	5.0	.8	.1							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.6	.5									5.5	4.8	4.0
020-040	3.9	1.5	.1									5.5	3.9	4.0
050-070	1.6	.6										2.2	4.0	4.0
(E) 080-100	1.6	1.4	.4									3.3	5.5	5.0
110-130	1.6	.7	.6									2.9	5.2	4.0
140-160	3.4	2.7	.5	.1	.2							7.0	5.6	5.0
(S) 170-190	4.7	3.4	.7	.1	.1							9.1	5.2	4.0
200-220	5.7	2.7	.5	.1								9.0	4.1	3.0
230-250	3.8	.7										4.5	2.7	2.0
(W) 260-280	4.2	1.1	.1									5.4	3.4	2.0
290-310	4.5	1.1	.1									5.8	3.4	3.0
320-340	3.9	1.6	.2									5.8	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											33.9	////////////////////////////////	
TOTALS	42.3	19.1	3.7	.3	.3							100.0	2.9	4.0
TOTAL NUMBER OF OBSERVATIONS 814														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	2.4	.5	.1								6.1	5.1	4.0
020-040	4.5	1.4	1									6.1	3.7	3.0
050-070	3.3	1.1	.1									4.5	3.8	3.5
(E) 080-100	2.2	1.6	.2									3.9	4.6	4.0
110-130	2.0	1.5	.3									3.8	4.9	4.0
140-160	3.0	2.8	.8	.1	.0							6.7	5.8	5.0
(S) 170-190	3.7	3.2	1.3	.2	.1							8.5	6.1	5.0
200-220	4.9	3.0	.8	.1	.0							8.9	4.8	4.0
230-250	4.9	2.8	1.1	.1								8.9	5.0	4.0
(W) 260-280	4.2	3.9	1.6	.2	.0							9.8	6.0	5.0
290-310	2.9	2.7	1.4	.1	.0							7.1	6.1	6.0
320-340	2.5	2.7	1.5	.2	.1							6.9	6.7	6.0
VARIABLE														
CALM	////////////////////											18.8	////////	
TOTALS	41.2	29.1	9.7	1.1	.2							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 6045

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	.3	.9									4.0	5.0	4.0
020-040	2.9	1.4	.6									4.9	4.1	3.0
050-070	4.9	2.6	.6									8.1	4.9	4.0
(E) 080-100	4.9	4.9	1.2									11.0	5.2	5.5
110-130	1.4	2.0	.9									4.3	6.1	6.0
140-160	3.7	3.5	.6	.3								8.1	5.6	5.0
(S) 170-190	4.0	4.6	.9		.3							9.8	6.0	6.0
200-220	3.5	6.1	.9									10.4	5.6	5.5
230-250	5.2	2.6	.3	.3								8.4	4.9	4.0
(W) 260-280	3.7	6.1	1.2									11.0	5.6	5.0
290-310	2.6	2.9	1.7									7.2	6.8	6.0
320-340	.6	1.2	.9									2.6	7.4	7.0
VARIABLE														
CALM	////////////////////											10.4	////////	
TOTALS	40.3	38.2	10.7	.6	.3							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 347

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	.8										4.0	2.9	2.0
020-040	6.7	.5										7.3	2.7	2.0
050-070	5.1											5.1	2.4	2.0
(E) 080-100	1.1											1.1	1.8	2.0
110-130	2.7	.5										3.2	3.7	4.0
140-160	2.7	.8										3.5	3.1	2.0
(S) 170-190	4.0	2.2										6.2	3.9	3.0
200-220	4.8	2.4	.5									7.8	4.2	4.0
230-250	2.7		.3									3.0	2.5	2.0
(W) 260-280	2.7	.3										3.0	2.4	2.0
290-310	2.7	.5										3.2	3.4	4.0
320-340	2.2	.5										2.7	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											50.0	////////	
TOTALS	40.6	8.5	.8									100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 70 - AUG 80  
MONTH: MAY HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.2	.5	.2									2.9	3.3	2.0
020-040	7.7	1.4										9.1	2.9	2.0
050-070	3.8	.4										4.1	2.5	2.0
(E) 080-100	2.3	.9	.2									3.4	2.8	2.0
110-130	2.7	.7										3.4	2.6	2.0
140-160	4.1	.5										4.7	3.0	3.0
(S) 170-190	4.8	.5	.2									5.6	2.7	2.0
200-220	4.8	1.1	.2									6.1	3.3	3.0
230-250	3.8											3.8	1.9	2.0
(W) 260-280	2.3	.4										2.7	2.9	2.0
290-310	1.8	.7										2.5	3.6	4.0
320-340	2.2	.2										2.3	2.3	2.0
VARIABLE														
CALM	////////////////////											49.5	////	////
TOTALS	42.5	7.3	.8									100.0	1.5	2.0
TOTAL NUMBER OF OBSERVATIONS 5														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	1.4	.4									4.7	4.3	4.0
020-040	8.8	2.9	.2									11.9	3.4	3.0
050-070	7.3	1.3	.1									8.7	3.3	3.0
(E) 080-100	4.5	1.6	.1									6.2	3.8	3.5
110-130	2.9	2.5	.1									5.5	4.6	4.0
140-160	3.3	2.7	.2									6.2	4.5	4.0
(S) 170-190	4.8	1.8	.4		.1							7.2	4.2	3.0
200-220	4.1	1.1	.6									5.8	4.2	3.0
230-250	4.0	1.3										5.3	3.4	3.0
(W) 260-280	2.4	1.4										3.8	3.4	4.0
290-310	3.1	1.1	.5		.1							4.8	4.8	4.0
320-340	1.8	.9	.1									2.8	3.2	3.5
VARIABLE														
CAIM	////////////////////////////////////											27.0	////////////////////////////////	
TOTALS	49.9	20.0	2.7		.2							100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.6	.6									5.6	4.6	4.0
020-040	4.7	2.6	.1									7.4	4.0	4.0
050-070	7.3	2.6	.2									10.1	3.9	3.5
(E) 080-100	5.3	2.6	.3									8.2	4.0	4.0
110-130	3.7	3.3	.3									7.3	4.9	4.5
140-160	4.2	4.5	1.0									9.7	5.4	5.0
(S) 170-190	3.1	2.5	1.4	.1	.1							7.2	6.1	6.0
200-220	4.7	3.1	1.5		.2							9.6	5.8	5.0
230-250	5.1	2.7	.6									8.4	4.7	4.0
(W) 260-280	3.8	2.9	.5									7.2	5.0	4.0
290-310	2.2	2.3	1.1									5.5	6.1	6.0
320-340	3.5	1.7	.6	.1								6.0	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											7.8	////////////////////////////////	
TOTALS	50.9	32.4	8.2	.2	.3							100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	1.8	.6									7.0	4.6	4.0
020-040	4.2	2.9	.3									7.4	4.6	4.0
050-070	3.2	1.9	.4	.1								5.7	4.8	4.0
(E) 080-100	3.1	1.9	.									5.6	4.6	4.0
110-130	2.4	2.8	.4									5.6	5.4	5.0
140-160	3.2	2.9	1.4	.3								7.8	6.2	5.0
(S) 170-190	3.9	5.3	2.4	.3								11.8	6.6	6.0
200-220	4.7	5.6	1.7	.2								12.3	6.0	6.0
230-250	3.2	3.4	1.2		.1							8.0	5.9	5.5
(W) 260-280	2.3	4.7	1.4	.1	.1	.1						8.7	6.7	6.0
290-310	2.2	2.9	.9	.3								6.2	6.7	6.0
320-340	3.4	3.1	1.5	.1								8.2	6.1	6.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	40.3	39.2	12.7	1.4	.2	.1						100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	2.6	.9	.1								8.5	5.0	4.0
020-040	4.9	2.9			.1							8.0	4.1	4.0
050-070	3.0	1.7	.1									4.8	4.0	3.0
(E) 080-100	2.6	1.9										4.5	4.4	4.0
110-130	1.6	3.3	.4									5.4	5.7	6.0
140-160	2.3	4.8	.4									7.5	6.1	6.0
(S) 170-190	4.1	5.5	1.8	.1								11.5	6.1	6.0
200-220	5.9	5.3	1.9									13.1	5.5	5.0
230-250	5.6	4.0	.3									9.9	4.5	4.0
(W) 260-280	4.7	2.8	.3	.1								8.0	4.9	4.0
290-310	1.9	2.8	.5	.2								5.5	6.2	6.0
320-340	2.9	3.8	1.7									8.4	6.1	5.5
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	44.4	41.4	8.3	.5	.1							100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 930														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	1.5	.3									6.3	3.8	3.0
020-040	3.8	.3										4.1	2.4	2.0
050-070	3.5	.7										4.1	2.9	2.0
(E) 080-100	4.5	1.2	.3									6.0	3.7	3.0
110-130	2.7	2.1	.1									4.9	4.4	4.0
140-160	5.7	2.9	.1									8.7	4.2	4.0
(S) 170-190	6.0	3.5	1.1									10.6	4.7	4.0
200-220	5.5	2.1	.2									7.8	3.8	3.5
230-250	4.8	.7										5.4	2.7	2.0
(W) 260-280	4.1	.7	.1									4.9	3.0	2.0
290-310	2.8	1.2	.2									4.2	3.9	2.0
320-340	3.8	1.1	.1									5.0	3.7	3.5
VARIABLE														
CALM	////////////////////////////////////											27.9	////////	
TOTALS	51.7	18.0	2.5									100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.1	1.0										5.0	3.3	3.0
020-040	3.7	.8										4.5	3.1	2.0
050-070	2.2											2.2	2.4	2.0
(E) 080-100	3.0	.3	.1									3.4	2.6	3.0
110-130	2.5	.7	.3									3.4	3.9	3.0
140-160	4.2	1.5	.4									6.1	4.2	3.0
(S) 170-190	7.6	2.2	.8									10.6	3.9	3.0
200-220	3.4	3.1	.8									7.4	5.0	5.0
230-250	2.3	.7	.1									3.1	3.3	2.0
(W) 260-280	2.5	.3										2.7	2.8	2.0
290-310	2.6	.8	.3									3.7	3.6	2.0
320-340	2.3	.4	.3									3.0	3.7	2.0
VARIABLE														
CALM	////////////////////////////////////											44.7	////////	
TOTALS	40.4	11.8	3.1									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 733

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.8	1.5	.4	.0								5.8	4.3	4.0
020-040	5.4	2.0	.1		.0							7.5	3.6	3.0
050-070	4.5	1.2	.1	.0								5.9	3.6	3.0
(E) 080-100	3.6	1.5	.2									5.3	4.0	4.0
110-130	2.6	2.2	.2									5.1	4.8	4.0
140-160	3.8	2.9	.5	.0								7.2	5.0	4.0
(S) 170-190	4.8	3.2	1.2	.1	.0							9.2	5.2	4.0
200-220	4.8	3.1	1.0	.0	.0							9.0	5.1	4.0
230-250	4.1	1.9	.3		.0							6.3	4.2	4.0
(W) 260-280	3.2	1.9	.3	.0	.0	.0						5.5	4.7	4.0
290-310	2.4	1.7	.5	.1	.0							4.7	5.3	4.0
320-340	2.9	1.7	.6	.0								5.2	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											23.3	////////////////////////////////	
TOTALS	45.9	24.8	5.4	.2								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 6302

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.9	.3									2.2	5.0	5.0
020-040	2.5	1.6			.3							4.6	4.9	3.0
050-070	2.5	1.8	.3									4.6	4.3	4.0
(E) 080-100	5.8	2.8	.3									8.9	3.9	4.0
110-130	3.4	2.8	.6									6.8	5.0	4.5
140-160	4.9	1.5										6.5	3.4	3.0
(S) 170-190	7.4	2.2	1.2		.3							11.1	4.6	3.0
200-220	7.1	1.2	.3		.3							8.9	3.8	3.0
230-250	4.9	2.2										7.1	3.8	4.0
(W) 260-280	2.5	1.2										3.7	4.2	4.0
290-310	2.2	.9	.6									3.7	4.9	4.0
320-340	1.2	.3										1.5	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											30.5	////////	
TOTALS	45.3	19.6	3.6		.9							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 325

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	.3										3.1	2.7	2.0
020-040	5.0	1.4										6.4	3.6	3.0
050-070	2.5	.6										3.1	2.7	2.0
(E) 080-100	1.7	2.5										4.2	5.2	5.0
110-130	1.1		.3									1.4	4.2	2.0
140-160	3.6	2.2	.3									6.1	4.6	4.0
(S) 170-190	5.6	.6										6.1	3.0	3.0
200-220	6.1	1.1										7.2	3.0	2.0
230-250	5.8	1.1										6.9	2.5	2.0
(W) 260-280	1.9	.6										2.5	2.8	3.0
290-310	1.7											1.7	1.8	1.5
320-340	.8											.8	1.7	2.0
VARIABLE														
CALM	////////////////////////////////////											50.6	////////////////////////////////	
TOTALS	38.6	10.4	.6									100.0	1.6	3.0

TOTAL NUMBER OF OBSERVATIONS 360

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 87  
MONTH: JUN HOURS: 13 45

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.4										3.9	2.3	2.0
020-040	8.9	.2										9.1	2.3	2.0
050-070	3.9	.7										4.6	3.2	3.0
(E) 080-100	1.3	1.9	.2									3.3	3.0	3.0
110-130	1.5	.4										1.9	3.6	3.0
140-160	3.0	.4										3.5	2.9	2.0
(S) 170-190	5.0	.7	.2									5.9	2.7	2.0
200-220	5.7	.9	.2									6.9	2.7	2.0
230-250	3.1		.2									3.3	2.7	2.0
(W) 260-280	1.9	.4										2.3	2.7	2.0
290-310	1.5											1.5	1.3	1.0
320-340	1.5											1.5	2.3	2.0
VARIABLE														
CALM	////////////////////											52.6	1.0	1.0
TOTALS	40.8	6.0	.8									100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 540														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 06 08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	.3										4.0	2.6	2.0
020-040	12.1	1.6										13.7	2.9	2.0
050-070	8.0	.8	.1									8.9	2.9	3.0
(E) 080-100	3.3	1.8	.2									5.3	3.9	3.0
110-130	2.7	1.0	.2									3.9	4.1	3.0
140-160	2.9	.8										3.7	3.5	3.0
(S) 170-190	4.9	1.0	.3									6.2	3.6	3.0
200-220	6.2	1.6	.1									7.9	3.3	2.0
230-250	5.9	1.7	.1									7.7	3.5	3.0
(W) 260-280	5.3	1.9										7.2	3.4	3.0
290-310	3.0	.7	.1									3.8	3.0	2.0
320-340	2.7	.6										3.2	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											24.6	////////////////////////////////	
TOTALS	66.7	13.8	1.1									100.0	2.5	2.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	1.6	.3									6.4	3.8	3.0
020-040	7.4	2.1										9.6	3.3	3.0
050-070	6.4	1.7										8.1	3.5	3.0
(E) 080-100	4.7	2.0	.9									7.6	4.5	3.0
110-130	2.1	1.6	.3									4.0	4.9	4.0
140-160	3.9	1.7	.2									5.8	4.2	4.0
(S) 170-190	3.2	1.0	.7									4.9	4.6	4.0
200-220	6.3	3.3	.4	.1								10.2	4.5	4.0
230-250	6.7	4.2	.7									11.6	4.7	4.0
(W) 260-280	7.4	4.6	.3									12.3	4.4	4.0
290-310	5.1	1.9	.3									7.3	4.0	4.0
320-340	4.2	1.2	.1									5.6	3.3	2.0
VARIABLE														
CALM	////////////////////											6.7	////////	
TOTALS	62.0	26.9	4.2	.1								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	3.1	.2	.1								7.3	4.6	4.0
020-040	5.0	3.3	.2	.1								8.7	4.3	4.0
050-070	4.6	3.0	.1									7.7	4.3	4.0
(E) 080-100	4.2	2.6	.8									7.6	4.7	4.0
110-130	2.7	2.0	.2									4.9	4.8	4.0
140-160	2.1	1.8	1.0									4.9	5.8	5.0
(S) 170-190	2.7	4.2	1.2									8.1	6.1	6.0
200-220	5.4	4.9	.7		.1							11.1	5.2	5.0
230-250	4.7	5.9	.7	.1								11.3	5.5	5.0
(W) 260-280	5.1	4.9	.8	.1								10.9	5.3	5.0
290-310	3.9	2.8	.8	.2								7.7	5.4	4.0
320-340	4.2	2.3	.3									6.9	4.3	3.5
VARIABLE														
CALM	////////////////////////////////////											3.0	////////	
TOTALS	48.5	40.8	7.0	.6	.1							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	3.7	.4									9.0	4.7	4.0
020-040	3.9	2.1	.2									6.2	4.2	4.0
050-070	4.6	1.3	.1									6.0	3.6	3.0
(E) 080-100	3.4	2.7	.3									6.4	5.0	4.0
110-130	1.9	1.2	.3									3.4	4.8	4.0
140-160	2.9	3.4	.1	.1								6.6	5.3	6.0
(S) 170-190	3.4	3.6	1.0									8.0	5.5	5.5
200-220	5.7	5.9	.7	.1								12.3	5.2	5.0
230-250	5.4	7.4	.7									13.6	5.2	5.0
(W) 260-280	5.2	4.4	.4									10.1	4.6	4.0
290-310	4.1	3.8	.6									8.4	4.9	5.0
320-340	2.8	2.3	.4	.1		.1						5.8	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////	/'
TOTALS	48.2	41.8	5.2	.3		.1						100.0	4.7	4.1
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	1.1		.1								6.3	3.4	2.0
020-040	3.6	.4										4.1	2.8	2.0
050-070	2.3	.4										2.8	3.0	3.0
(E) 080-100	3.9	.8	.1									4.8	3.2	2.0
110-130	2.2	1.2	.4	.1								4.0	5.4	4.0
140-160	4.7	3.1	.6									8.3	4.6	4.0
(S) 170-190	6.0	2.8			.1							8.9	3.8	3.5
200-220	8.7	1.2	.1									10.0	3.1	2.0
230-250	7.8	1.7	.1	.1								9.7	3.3	3.0
(W) 260-280	7.7	.8	.3									8.8	3.0	2.0
290-310	5.3	.6	.1									6.0	3.0	2.0
320-340	3.1	1.2	.4									4.8	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											21.7	////////////////////////////////	
TOTALS	60.4	15.3	2.1	.3	.1							100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	.3	.1									4.9	2.5	2.0
020-040	4.3	.4										4.7	2.6	2.0
050-070	3.2	.3										3.5	2.8	2.0
(E) 080-100	1.2	.3										1.5	3.1	2.0
110-130	2.2	1.4										3.6	4.1	4.0
140-160	3.3	1.5	.1									5.0	3.9	4.0
(S) 170-190	7.1	2.5										9.6	3.5	4.0
200-220	6.0	2.1	.1									8.2	3.5	2.0
230-250	5.3	.3										5.5	2.5	2.0
(W) 260-280	1.9	.1	.3									2.4	3.7	3.0
290-310	2.4	.1	.1									2.6	2.6	2.0
320-340	2.5	.3										2.8	2.4	2.0
VARIABLE														
CALM	////////////////////											45.8	////////	
TOTALS	43.8	9.6	.7									100.0	1.7	2.0
TOTAL NUMBER OF OBSERVATIONS 721														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	1.5	.2	.0								6.0	3.7	3.0
020-040	6.3	1.6	.1	.0								7.9	3.3	3.0
050-070	4.7	1.2	.0									5.9	3.4	3.0
(E) 080-100	3.2	1.8	.4									5.4	4.4	4.0
110-130	2.2	1.2	.2	.0								3.6	4.7	4.0
140-160	3.3	1.9	.3	.0								5.5	4.5	4.0
(S) 170-190	4.6	2.2	.5		.0							7.3	4.3	4.0
200-220	6.3	2.9	.3	.0	.0							9.6	4.1	4.0
230-250	5.7	3.2	.3	.0								9.3	4.3	4.0
(W) 260-280	5.0	2.5	.3	.0								7.9	4.2	4.0
290-310	3.7	1.4	.3	.0								5.4	4.1	4.0
320-340	3.0	1.2	.2	.0		.0						4.4	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											21.8	////////	
TOTALS	52.2	22.6	3.1									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1		.4									1.4	3.5	1.5
020-040	2.8	.4										3.2	2.8	3.0
050-070	6.7											6.7	2.7	3.0
(E) 080-100	3.9	1.4										5.3	3.3	3.0
110-130	3.2	1.1	.4									4.6	4.5	4.0
140-160	4.2	2.1	.7									7.1	4.6	4.0
(S) 170-190	4.6	1.8	.4									6.7	4.1	4.0
200-220	9.9	3.5										13.4	3.5	3.0
230-250	11.3	2.8	.7									14.8	3.8	3.0
(W) 260-280	4.9	1.8	.4									7.1	3.8	3.0
290-310	2.8		.4									3.2	2.8	2.0
320-340	2.5	.4										2.8	3.0	2.0
VARIABLE														
CALM	////////////////////											23.7	////////	
TOTALS	57.9	15.3	3.4									100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 283

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.3										.5	4.0	4.0
020-040	6.2	.5	.3									7.0	3.0	2.0
050-070	1.3	.5										1.9	3.7	4.0
(E) 080-100	2.2											2.2	2.9	3.0
110-130	1.9	.3										2.2	2.8	2.0
140-160	5.6	1.3										7.0	3.7	4.0
(S) 170-190	6.2	1.3										7.5	3.1	3.0
200-220	8.1	1.1										9.1	2.9	2.0
230-250	6.5	.5										7.0	2.6	2.0
(W) 260-280	3.2											3.2	2.0	2.0
290-310	1.6	.3										1.9	3.1	2.0
320-340	1.6	.3										1.9	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											48.7	////////////////////////////////	
TOTALS	44.7	6.4	.3									100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3											1.3	1.9	2.0
020-040	5.0	.2										5.2	2.4	2.0
050-070	4.3	1.1										5.4	3.3	3.0
(E) 080-100	4.3	.4										4.7	2.6	2.0
110-130	1.8	.7		.2								2.7	3.9	2.0
140-160	2.7	.2										2.9	3.0	3.0
(S) 170-190	5.0	.2	.2									5.4	2.4	2.0
200-220	6.6	.2										6.8	2.3	2.0
230-250	4.5											4.5	2.0	2.0
(W) 260-280	2.2	.2										2.3	2.3	2.0
290-310	1.1	.2										1.3	2.9	3.0
320-340	1.3											1.3	2.0	2.0
VARIABLE														
CALM	////////////////////											56.5	////////	
TOTALS	40.1	3.4	.2	.2								100.0	1.1	2.0
TOTAL NUMBER OF OBSERVATIONS 558														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.1										2.3	2.6	2.0
020-040	7.3	.1										7.4	2.1	2.0
050-070	6.3	.8										7.1	2.9	3.0
(E) 080-100	4.3	1.3										5.6	3.4	3.0
110-130	2.2	.4	.1									2.7	3.5	3.0
140-160	2.9	.8										3.7	3.4	3.0
(S) 170-190	5.5	.4	.1									6.0	2.8	2.0
200-220	6.1	.4										6.6	2.4	2.0
230-250	7.3	1.8	.2									9.4	3.3	2.0
(W) 260-280	6.9	.8	.1									7.7	3.0	2.0
290-310	4.4	.2										4.6	2.3	2.0
320-340	3.5	.3										3.9	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											33.1	////////	
TOTALS	58.9	7.4	.5									100.0	1.9	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	.8										4.4	2.8	2.0
020-040	7.1	1.1	.1									8.3	3.2	3.0
050-070	6.6	2.3	.3									9.1	3.8	4.0
(E) 080-100	4.2	2.3	.3									6.8	4.6	4.0
110-130	2.8	.9	.1									3.8	3.7	3.0
140-160	2.7	.8	.1									3.5	3.5	3.0
(S) 170-190	3.9	1.1										4.9	3.3	2.5
200-220	4.1	1.3	.3									5.7	3.7	3.0
230-250	7.8	3.1	.2									11.2	3.9	4.0
(W) 260-280	8.4	4.7	.6									13.8	4.4	4.0
290-310	5.9	2.0	.2									8.2	3.6	3.0
320-340	6.9	1.3	.3									8.5	3.4	3.0
VARIABLE														
CALM	////////////////////											11.8	////////	
TOTALS	64.1	21.7	2.5									100.0	3.3	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	1.4	.1									6.8	3.7	3.0
020-040	5.3	1.9	.3									7.6	3.9	4.0
050-070	5.6	2.2	.6									8.4	4.2	4.0
(E) 080-100	3.5	1.9	1.0									6.4	5.6	4.0
110-130	1.4	1.4	.3									3.1	5.1	5.0
140-160	2.2	1.7	.4									4.3	5.0	4.5
(S) 170-190	3.5	2.1	.4									5.9	4.5	4.0
200-220	4.2	3.7	1.3	.1								9.3	5.5	5.0
230-250	7.1	5.9	.6									13.7	4.5	4.0
(W) 260-280	6.9	4.1	.8	.1								11.9	4.6	4.0
290-310	5.2	2.5	.3	.1								8.1	4.4	4.0
320-340	5.5	2.1	.8									8.3	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	55.7	30.9	6.9	.3								100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 AUG 89  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	2.3	.3									7.9	4.1	4.0
020-040	5.6	1.6	.4									7.7	3.9	4.0
050-070	4.0	1.5	.1									5.6	3.9	4.0
(E) 080-100	3.4	2.8	.3									6.5	5.0	4.0
110-130	1.3	1.1	.4									2.8	5.7	5.0
140-160	1.6	2.7	.9	.2								5.4	6.6	6.0
(S) 170-190	2.5	2.5	.5									5.5	5.4	5.0
200-220	5.7	2.8	.8									9.3	4.7	4.0
230-250	8.4	4.2	.7	.1								13.3	4.3	4.0
(W) 260-280	8.7	5.1	1.2									15.0	4.4	4.0
290-310	5.0	1.7	.1			.1						6.9	4.2	4.0
320-340	5.2	2.7	.3									8.2	4.3	4.0
VARIABLE														
CALM	////////////////////											5.6	////////////////	
TOTALS	56.7	31.0	6.0	.3		.1						100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 922														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	.7										4.5	2.9	2.0
020-040	3.6	.3										3.9	2.8	2.0
050-070	2.7	.2	.1									3.1	3.0	2.0
(E) 080-100	3.5	1.6	.2									5.3	3.9	4.0
110-130	2.1	.8	.1									2.9	3.8	3.0
140-160	4.1	1.7	.2									6.1	4.1	4.0
(S) 170-190	4.5	2.4	.3									7.2	4.3	4.0
200-220	7.5	2.4	.2									10.1	3.5	3.0
230-250	9.8	1.9	.1									11.8	2.9	2.0
(W) 260-280	8.2	1.1	.2									9.5	2.9	2.0
290-310	3.5	.4	.1									4.0	2.7	2.0
320-340	3.4	.2	.2									3.8	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											27.8	////////	
TOTALS	56.7	13.7	1.7									100.0	2.4	2.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.5										1.6	3.0	2.0
020-040	3.8	.3	.1									4.2	3.0	2.0
050-070	1.4		.1									1.5	3.1	2.0
(E) 080-100	2.8	1.1	.1									4.1	3.7	3.5
110-130	2.7	.9		.1								3.8	3.8	2.5
140-160	5.0	1.2										6.2	3.3	3.0
(S) 170-190	6.8	1.2	.3									8.3	3.3	2.0
200-220	8.3	.7										8.9	2.7	2.0
230-250	8.0	.1	.3									8.4	2.5	2.0
(W) 260-280	4.7	.4	.1									5.3	2.6	2.0
290-310	2.2											2.2	2.0	2.0
320-340	2.4	.1		.1								2.7	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											42.9	////////////////////////////////	
TOTALS	49.2	6.5	1.0	.2								100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 739

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.2	.8	.1									4.1	3.4	3.0
020-040	5.5	.8	.2									6.5	3.1	2.0
050-070	4.3	1.1	.2									5.7	3.6	3.0
(E) 080-100	3.6	1.6	.3									5.5	4.3	4.0
110-130	2.0	.9	.2	.0								3.1	4.2	3.0
140-160	3.1	1.4	.2	.0								4.8	4.3	4.0
(S) 170-190	4.5	1.5	.3									6.2	3.8	3.0
200-220	6.1	1.7	.4	.0								8.2	3.7	3.0
230-250	7.7	2.5	.3	.0								10.5	3.6	3.0
(W) 260-280	6.7	2.4	.4	.0								9.5	3.9	3.0
290-310	4.0	1.0	.1	.0		.0						5.2	3.5	3.0
320-340	4.1	1.0	.2	.0								5.4	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											25.3	////////	
TOTALS	54.8	16.7	2.9									100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 6295

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	.8	.3									1.1	2.8	2.0
020-040	2.4		.5								3.0	3.8	2.0
050-070	3.0	.8									3.8	3.4	4.0
(E) 080-100	7.8	2.4	.3								10.5	4.0	4.0
110-130	2.2	2.2		.3							4.6	5.1	5.0
140-160	6.2	2.2	.5	.3							9.1	4.3	4.0
(S) 170-190	8.6	1.6	.3								10.5	3.2	3.0
200-220	8.1	.3	.3								8.6	2.9	2.0
230-250	5.4	2.7	.5								8.6	3.8	2.5
(W) 260-280	3.2	.8	.5								4.6	4.2	3.0
290-310	3.5	.5									4.0	2.7	2.0
320-340	1.6		.3								1.9	4.1	3.0
VARIABLE													
CALM	////////////////////////////////////										29.8	////////////////////////////////	
TOTALS	52.8	13.8	3.2	.6							100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 372



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	1.1										4.7	3.0	2.0
020-040	6.9	.2										7.1	2.3	2.0
050-070	5.6	.6										6.2	2.8	2.0
(E) 080-100	5.4	2.6	.4									8.4	3.9	4.0
110-130	2.2	.9										3.0	3.4	2.0
140-160	3.0	.2										3.2	2.5	3.0
(S) 170-190	3.9	.2										4.1	2.9	3.0
200-220	4.3	.9	.2									5.4	3.2	2.0
230-250	3.0											3.0	1.9	2.0
(W) 260-280	2.2											2.2	2.2	2.0
290-310	2.2	.2										2.4	2.8	2.0
320-340	.6											.6	3.3	4.0
VARIABLE														
CALM	////////////////////////////////////											49.7	////////////////////////////////	
TOTALS	43.0	6.9	.6									100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 465

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.3										1.6	2.9	2.0
020-040	12.1	.3										12.4	2.5	2.0
050-070	7.4	.8										8.2	2.7	2.0
(E) 080-100	3.9	2.6	.2									6.6	4.2	4.0
110-130	1.3	.5										1.8	3.0	2.0
140-160	1.9											1.9	2.5	2.5
(S) 170-190	2.7	.2										2.9	2.4	2.0
200-220	5.6	.2										5.8	2.1	2.0
230-250	3.5	.5										4.0	2.4	2.0
(W) 260-280	2.6											2.6	1.8	1.0
290-310	1.5	.3										1.8	2.5	2.0
320-340	.8											.8	1.6	2.0
VARIABLE														
CALM	////////////////////////////////////											49.5	////////////////////////////////	
TOTALS	44.6	5.7	.2									100.0	1.3	2.0

TOTAL NUMBER OF OBSERVATIONS 620

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.4										2.4	2.9	2.0
020-040	11.2	1.2										12.4	2.6	2.0
050-070	9.8	1.9	.2									11.9	3.1	2.0
(E) 080-100	6.1	2.7	.9									9.7	4.4	4.0
110-130	3.2	1.0										4.2	3.3	2.0
140-160	2.2	.5										2.7	3.1	3.0
(S) 170-190	2.5											2.5	2.6	2.0
200-220	3.7											3.7	2.1	2.0
230-250	4.5	.4										4.9	2.5	2.0
(W) 260-280	5.3	1.3										6.6	3.2	3.0
290-310	3.3	.5										3.9	3.0	3.0
320-340	2.7	.1										2.8	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											32.5	////////	
TOTALS	56.4	10.0	1.1									100.0	2.1	2.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	1.9										6.7	3.4	3.0
020-040	6.5	1.5										8.0	3.6	3.0
050-070	8.7	3.8	.3									12.8	3.9	4.0
(E) 080-100	7.1	4.9	.5									12.6	4.5	4.0
110-130	3.3	2.8	.2									6.3	4.7	4.0
140-160	2.3	2.4										4.6	4.5	5.0
(S) 170-190	2.5	.6										3.1	3.3	2.0
200-220	3.4	1.2										4.6	3.7	4.0
230-250	6.5	2.6	.1									9.1	3.7	4.0
(W) 260-280	5.9	2.7	.2		.1							8.9	4.4	4.0
290-310	5.3	1.4	.1									6.8	3.6	3.0
320-340	4.7	1.3										6.0	3.4	3.0
VARIABLE														
CALM	////////////////////											10.4	////////	
TOTALS	60.9	27.1	1.4		.1							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	3.1	.2									8.2	4.5	4.0
020-040	5.7	3.3	.1									9.1	4.2	4.0
050-070	5.4	4.0	.1									9.5	4.5	4.0
(E) 080-100	5.5	5.4	.8									11.6	5.0	5.0
110-130	3.3	3.2	.2									6.8	5.0	5.0
140-160	1.9	1.5	.6									4.1	5.1	5.0
(S) 170-190	2.5	2.9	.3									5.7	5.3	5.0
200-220	2.6	3.0	.3									5.9	5.0	5.0
230-250	6.3	4.5	.3									11.2	4.6	4.0
(W) 260-280	5.1	4.5	.6									10.2	4.9	5.0
290-310	3.3	3.3	.1									6.8	4.8	5.0
320-340	4.1	1.6	.2									5.9	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											5.1	////////	
TOTALS	50.5	40.3	3.8									100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	2.3	.3									8.0	4.2	3.5
020-040	5.5	2.2	.1									7.7	3.7	3.0
050-070	4.0	4.0	.1									8.1	4.8	5.0
(E) 080-100	3.7	3.3	.6									7.6	5.4	5.0
110-130	2.0	3.3	.5	.1								6.0	5.8	6.0
140-160	3.8	2.9	.2		.1							7.0	5.1	4.0
(S) 170-190	2.5	3.0	.5	.1								6.1	5.8	5.0
200-220	5.8	3.7	.6									10.1	4.6	4.0
230-250	6.2	5.2	.8									12.2	4.9	4.0
(W) 260-280	5.8	4.4	.9									11.1	4.9	4.0
290-310	3.1	2.3	.2									5.6	4.7	4.0
320-340	3.8	2.2	.5	.2								6.7	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	51.6	38.8	5.3	.4	.1							100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	1.2	.1									5.5	3.4	2.0
020-040	5.3	.6	.1									6.0	3.1	2.0
050-070	4.7	1.2	.1									6.0	3.3	3.0
(E) 080-100	5.1	2.5	.1									7.7	3.9	3.0
110-130	3.7	1.7										5.4	3.9	4.0
140-160	3.0	1.5	.2									4.7	4.1	4.0
(S) 170-190	5.5	2.3	.3									8.1	3.9	3.0
200-220	7.1	1.4	.1									8.6	3.3	3.0
230-250	6.8	.6	.1									7.6	2.9	2.0
(W) 260-280	6.6	1.0										7.6	3.1	2.5
290-310	2.5	.4										2.9	2.9	2.0
320-340	3.9	.5	.4									4.9	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											25.0	////////	
TOTALS	58.4	14.9	1.5									100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	.8										3.7	3.2	3.0
020-040	6.3	.3										6.6	2.4	2.0
050-070	5.0	.6										5.7	3.0	2.5
(E) 080-100	5.7	1.8	.5									8.0	4.1	4.0
110-130	2.5	1.0										3.5	4.0	4.0
140-160	4.1	.8	.3									5.2	3.5	3.0
(S) 170-190	4.9	.9	.3									6.1	3.4	3.0
200-220	5.9	.9										6.8	2.8	2.0
230-250	3.9	.3										4.1	2.1	2.0
(W) 260-280	2.3	.1										2.5	2.2	2.0
290-310	1.8											1.8	2.6	2.0
320-340	1.2											1.2	1.9	2.0
VARIABLE														
CALM	////////////////////////////////////											44.8	////////	
TOTALS	46.6	7.5	1.1									100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 774



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.8	1.5	.1									5.3	3.7	3.0
020-040	7.3	1.3	.0									8.7	3.1	3.0
050-070	6.4	2.3	.1									8.8	3.7	3.0
(E) 080-100	5.3	3.3	.5									9.2	4.5	4.0
110-130	2.8	2.0	.1	.0								4.9	4.5	4.0
140-160	2.8	1.4	.2		.0							4.3	4.2	4.0
(S) 170-190	3.3	1.4	.2	.0								4.9	4.1	4.0
200-220	4.8	1.5	.2									6.5	3.6	3.0
230-250	5.3	2.0	.2									7.5	3.7	3.0
(W) 260-280	4.8	2.0	.2		.0							7.0	4.0	4.0
290-310	3.0	1.2	.1									4.3	3.8	4.0
320-340	3.0	.8	.2	.0								4.0	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											24.6	////////////////////////////////	
TOTALS	52.6	20.7	2.1									100.0	2.9	3.0
TOTAL NUMBER OF OBSERVATIONS 6506														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	2.2	.7	.2									3.1	3.9	3.0
020-040	8.3	.7										8.9	2.5	2.0
050-070	5.1	5.4	.7									11.2	5.0	5.0
(E) 080-100	5.8	8.3	1.8									15.9	5.4	6.0
110-130	3.4	1.3										4.7	3.9	3.0
140-160	1.3	.2	.2									1.8	4.1	4.0
(S) 170-190	2.7											2.7	2.1	2.0
200-220	3.4	1.1										4.5	3.3	2.0
230-250	4.9	.7										5.6	2.6	2.0
(W) 260-280	6.0	1.1										7.2	3.0	2.0
290-310	3.4	.7										4.0	3.3	3.0
320-340	2.7	.4										3.1	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											27.3	////////	
TOTALS	49.2	20.6	2.9									100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 447

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1											1.1	1.8	1.5
020-040	12.8	1.1										13.9	2.3	2.0
050-070	10.8	2.2	.3									13.3	3.1	2.0
(E) 080-100	6.4	4.2	1.1									11.7	4.8	4.0
110-130	3.6											3.6	2.8	3.0
140-160	2.2											2.2	2.0	1.5
(S) 170-190	2.5	.3										2.8	3.1	3.0
200-220	1.1											1.1	2.3	2.0
230-250	1.1											1.1	2.5	2.5
(W) 260-280	.6											.6	2.0	2.0
290-310	1.1											1.1	2.5	2.0
320-340	1.4	.3										1.7	2.2	1.5
VARIABLE														
CALM	////////////////////////////////////											45.8	////////	
TOTALS	44.7	8.1	1.4									100.0	1.7	2.0
TOTAL NUMBER OF OBSERVATIONS 360														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	.4										3.9	2.6	2.0
020-040	15.0	1.9										16.9	2.7	2.0
050-070	10.9	2.0	.2									13.1	3.4	3.0
(E) 080-100	4.4	3.5	.7									8.7	5.1	4.0
110-130	2.4	.2		.2								2.8	3.5	2.0
140-160	2.2											2.2	2.2	2.0
(S) 170-190	1.1											1.1	1.7	2.0
200-220	.9	.4										1.3	3.1	2.0
230-250	.6	.4										.9	3.4	4.0
(W) 260-280	.9											.9	2.0	2.0
290-310	2.2											2.2	2.4	2.0
320-340	.7	.2										.9	2.6	2.0
VARIABLE														
CALM	////////////////////											45.0	////////	1.1
TOTALS	44.8	9.0	.9	.2								100.0	1.8	2.0
TOTAL NUMBER OF OBSERVATIONS 540														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	1.3	.1									6.0	3.2	3.0
020-040	16.1	4.0	.1									20.2	3.2	3.0
050-070	10.9	5.6	.3									16.8	4.0	4.0
(E) 080-100	5.9	4.9	.9									11.7	4.9	4.0
110-130	3.3	1.0	.3		.1							4.8	4.6	4.0
140-160	1.4	1.2										2.7	4.0	4.0
(S) 170-190	1.8											1.8	2.3	2.0
200-220	2.2	.1										2.3	2.3	2.0
230-250	1.6	.1										1.7	2.1	2.0
(W) 260-280	1.2	.1										1.3	2.7	2.0
290-310	2.6	.1	.1									2.8	2.8	2.0
320-340	2.2	.6	.1									2.9	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											25.1	////////	
TOTALS	53.8	19.0	1.9		.1							100.0	2.8	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	1.8	.3									7.4	4.1	4.0
020-040	8.6	3.1	.7									12.3	4.2	4.0
050-070	9.9	7.2	1.1	.1								18.3	4.9	4.0
(E) 080-100	8.7	9.1	1.8									19.6	5.4	5.0
110-130	3.6	3.6	.3									7.4	4.9	5.0
140-160	2.8	2.0	.1	.1	.1	.1						5.2	5.4	4.0
(S) 170-190	3.3	.8	.3									4.4	3.9	4.0
200-220	3.2	.9	.1									4.2	3.6	3.0
230-250	2.9	.4										3.3	3.0	2.5
(W) 260-280	2.6	1.0										3.6	4.0	4.0
290-310	2.7	1.6										4.2	4.3	4.0
320-340	1.8	1.1	.3									3.2	4.8	4.0
VARIABLE														
CALM	////////////////////											6.7	////////	
TOTALS	55.4	32.6	5.0	.2	.1	.1						100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	4.4	.7									10.4	4.9	4.0
020-040	6.0	5.8	1.0									12.8	5.2	5.0
050-070	7.0	5.9	1.1	.1								14.1	5.3	5.0
(E) 080-100	5.8	7.6	1.7									15.0	5.7	5.0
110-130	2.4	3.8	.2									6.4	5.3	6.0
140-160	2.6	2.9	.2									5.7	5.5	5.0
(S) 170-190	2.6	2.0	.1	.2								4.9	5.3	4.0
200-220	2.9	2.1	.2		.1							5.3	4.8	4.0
230-250	3.8	1.6	.2									5.6	4.0	4.0
(W) 260-280	2.1	2.2										4.3	4.3	5.0
290-310	3.6	2.0	.2									5.8	4.4	4.0
320-340	3.0	2.6	.8									6.3	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	47.1	42.9	6.4	.3	.1							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	5.6	.3									12.2	4.7	4.0
020-040	8.4	4.0	.2									12.7	4.2	4.0
050-070	6.3	5.1	.8									12.2	4.7	4.0
(E) 080-100	5.9	6.7	.3		.1							13.0	5.3	5.0
110-130	3.2	2.0	.1									5.3	4.3	4.0
140-160	2.8	2.9	.3									6.0	5.2	5.0
(S) 170-190	2.3	1.1	.1									3.6	4.1	4.0
200-220	4.3	2.1	.2	.1								6.8	4.4	4.0
230-250	3.6	1.0	.2	.1	.1							5.0	4.4	4.0
(W) 260-280	4.6	1.4	.3									6.3	4.0	4.0
290-310	3.7	1.2	.6									5.4	4.2	3.0
320-340	3.1	1.8	.9									5.8	5.3	4.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	54.5	34.9	4.3	.2	.2							100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 900														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.3	2.1	.1									8.6	3.5	3.0
020-040	8.3	1.7	.2									10.2	3.1	2.0
050-070	6.9	2.3	.4	.2								9.9	4.2	4.0
(E) 080-100	6.2	2.3	.1									8.7	3.7	3.0
110-130	2.7	2.2	.1									5.0	4.6	4.0
140-160	3.0	1.2										4.2	3.9	4.0
(S) 170-190	2.8	.9	.1									3.8	3.6	3.0
200-220	3.0	.9	.2									4.1	3.5	2.0
230-250	2.9	.7	.1									3.7	2.9	2.0
(W) 260-280	2.0											2.0	2.6	2.0
290-310	3.4	.2										3.7	2.6	2.0
320-340	4.3	1.0		.1								5.4	3.3	2.0
VARIABLE														
CALM	////////////////////////////////////											30.8	////////	
TOTALS	51.8	15.5	1.3	.3								100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	1.7	.1									6.1	3.6	3.5
020-040	8.7	1.2										10.0	2.9	2.0
050-070	7.9	2.5	.3									10.7	3.8	3.0
(E) 080-100	5.0	3.3	1.0									9.3	5.0	4.0
110-130	1.9	1.4	.4									3.7	5.1	4.0
140-160	3.0	.4										3.5	3.0	3.0
(S) 170-190	4.0	1.1										5.1	3.4	3.0
200-220	2.2	.1										2.4	2.0	2.0
230-250	1.9	.4										2.4	2.6	2.0
(W) 260-280	1.1	.1										1.2	2.8	2.0
290-310	1.7	.1										1.8	2.8	2.0
320-340	2.9	.1										3.0	2.7	2.5
VARIABLE														
CALM	////////////////////////////////////											40.9	////////	
TOTALS	44.6	12.4	1.8									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 5

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.0	2.5	.2									7.7	4.1	4.0
020-040	10.1	3.1	.3									13.5	3.6	3.0
050-070	8.6	4.4	.6	.1								13.7	4.4	4.0
(E) 080-100	6.1	5.4	.9		.0							12.5	5.1	5.0
110-130	2.9	2.0	.2	.0	.0							5.2	4.7	4.0
140-160	2.5	1.6	.1	.0	.0	.0						4.2	4.5	4.0
(S) 170-190	2.6	.8	.1	.0								3.6	3.9	3.0
200-220	2.7	.9	.1	.0	.0							3.8	3.8	3.0
230-250	2.5	.6	.1	.0	.0							3.3	3.4	3.0
(W) 260-280	2.1	.7	.0									2.8	3.7	3.5
290-310	2.8	.8	.1									3.7	3.7	3.0
320-340	2.6	1.1	.3	.0								4.0	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											22.0	//////////	
TOTALS	50.5	23.9	3.0	.1								100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 6123														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.2	1.0									3.2	3.7	4.0
020-040	7.1	.6	.6								8.3	3.5	3.0
050-070	8.3	6.7	.4								15.4	4.8	4.0
(E) 080-100	8.3	12.5	.6								21.4	5.1	5.0
110-130	5.9	3.0	.2								9.1	4.2	4.0
140-160	3.6	2.4									5.9	4.1	4.0
(S) 170-190	3.0	1.6	.2								4.8	3.8	3.5
200-220	2.6	.4									3.0	2.8	3.0
230-250	2.6	.6									3.2	2.9	2.5
(W) 260-280	2.0	.2	.2								2.4	4.1	4.0
290-310	3.2	.4	.2								3.8	3.5	2.0
320-340	1.0	.8	.6								2.4	5.8	5.0
VARIABLE													
CALM	////////////////////										17.2	////////	
TOTALS	49.8	30.2	3.0								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 505

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	1.3										8.9	3.1	3.0
020-040	12.6	.8										13.4	2.7	2.0
050-070	4.0	1.9	.5									6.5	4.1	2.0
(E) 080-100	4.3	2.2	.5									7.0	4.6	4.0
110-130	.8											.8	3.0	3.0
140-160	.5	.5	.5									1.6	6.0	6.5
(S) 170-190	.5											.5	1.0	1.0
200-220	1.3											1.3	2.8	3.0
230-250	1.9											1.9	1.6	1.0
(W) 260-280	1.3											1.3	1.8	2.0
290-310	1.6											1.6	2.3	2.0
320-340	3.0	1.1										4.0	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											51.1	////////	
TOTALS	39.3	7.8	1.5									100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	5-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	1.3	.2									6.0	3.4	3.0
020-040	16.4	1.3										17.7	2.6	2.0
050-070	6.2	2.2	.4									8.8	3.7	2.0
(E) 080-100	2.4	2.4	.4									5.2	5.5	5.5
110-130	1.1	.4										1.5	3.9	3.0
140-160	.6	.6										1.1	4.3	4.0
(S) 170-190	.6											.6	2.0	2.0
200-220	.7											.7	1.8	2.0
230-250	1.3	.4										1.7	2.8	2.0
(W) 260-280	1.3	.2										1.5	3.0	3.0
290-310	1.7	1.3										3.0	4.3	3.5
320-340	3.2	1.5	.2									4.9	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											47.4	////////	
TOTALS	40.0	11.6	1.2									100.0	1.8	2.0
TOTAL NUMBER OF OBSERVATIONS 536														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	2.2	.2									6.8	4.2	4.0
020-040	14.8	2.8	.5									18.1	3.2	2.0
050-070	10.8	2.4	.6									13.8	3.6	3.0
(E) 080-100	4.7	3.9	.4									9.1	5.0	4.0
110-130	1.5	1.4	.2									3.1	4.8	5.0
140-160	.9	.8										1.6	4.6	4.0
(S) 170-190	1.0	.4										1.4	3.8	3.0
200-220	1.0	.6										1.6	4.3	3.0
230-250	1.5	.2	.1									1.8	3.1	2.0
(W) 260-280	2.0	.3	.1									2.5	3.7	3.0
290-310	2.0	1.0	.1									3.1	4.0	4.0
320-340	1.6	1.5	.2									3.3	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											33.7	////////	
TOTALS	46.2	17.5	2.4									100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	3.6	1.0									7.3	5.5	6.0
020-040	7.9	3.6	.4									11.9	4.0	4.0
050-070	10.6	4.4	.5									15.5	3.9	3.0
(E) 080-100	5.9	8.6	1.6	.2								16.4	5.8	6.0
110-130	3.8	3.9	.9									8.5	5.4	5.0
140-160	2.8	1.7	.6									5.2	5.0	4.0
(S) 170-190	1.7	1.2	.2									3.1	4.9	4.0
200-220	3.1	1.7	.1									5.0	3.8	3.0
230-250	2.3	1.7	.2									4.2	4.8	4.0
(W) 260-280	2.7	1.8	.3									4.9	4.9	4.0
290-310	1.4	2.5	.6									4.5	6.2	7.0
320-340	1.8	2.7	.9									5.4	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											8.1	////////////////////////////////	
TOTALS	46.8	37.4	7.3	.2								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 927



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	4.6	1.2									8.4	6.1	6.0
020-040	6.9	3.9	.4									11.2	4.1	4.0
050-070	5.6	3.2	.4									9.3	4.6	4.0
(E) 080-100	6.3	6.5	1.3									14.0	5.2	5.0
110-130	3.3	4.4	.3									8.1	5.1	5.0
140-160	1.9	2.3	.6									4.9	5.6	6.0
(S) 170-190	2.7	2.8	.5									6.0	5.4	5.5
200-220	1.2	3.9	.6									5.7	6.2	6.0
230-250	2.7	2.0										4.7	4.4	4.0
(W) 260-280	3.1	2.7	1.0									6.8	5.5	5.0
290-310	2.5	3.5	1.1									7.0	6.1	7.0
320-340	2.8	3.0	2.2									8.0	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////	
TOTALS	41.6	42.8	9.6									100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	4.7	.8									12.4	4.6	4.0
020-040	8.1	2.2	.2									10.5	3.4	3.0
050-070	6.7	3.1	.1									9.9	3.8	3.0
(E) 080-100	6.0	4.6	.4									11.1	4.7	4.0
110-130	1.7	3.2	.3									5.3	5.7	6.0
140-160	3.0	2.2	.3									5.5	5.0	4.0
(S) 170-190	1.8	2.2	.2	.1								4.3	5.2	5.0
200-220	3.6	1.5										5.1	3.7	3.0
230-250	3.6	1.2	.2									5.0	3.9	4.0
(W) 260-280	4.2	1.8	.5									6.6	4.5	4.0
290-310	3.1	1.9	.3									5.4	4.7	4.0
320-340	2.4	5.3	.9									8.5	6.2	6.0
VARIABLE														
CALM	////////////////////											10.5	////////	
TOTALS	51.1	33.9	4.2	.1								100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	2.4	.1									9.0	3.8	4.0
020-040	5.9	.4										6.4	2.5	2.0
050-070	5.8	1.5										7.3	3.1	2.0
(E) 080-100	5.4	3.5	.9									9.7	4.7	4.0
110-130	1.0	2.0	.2									3.2	5.5	6.0
140-160	1.0	1.2	.2									2.4	5.5	5.5
(S) 170-190	1.7	.6										2.4	3.2	2.5
200-220	1.7	.5										2.3	2.6	2.0
230-250	.9	.1										1.0	2.2	2.0
(W) 260-280	2.0	.1										2.2	2.8	3.0
290-310	4.3	.6										5.0	3.2	3.0
320-340	5.1	1.4										6.5	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											42.8	////////////////////////////////	
TOTALS	41.3	14.3	1.4									100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.7	1.3	.1									8.1	3.4	3.0
020-040	8.6	.8	.1									9.5	2.8	3.0
050-070	4.8	1.4	.1									6.4	3.7	40
(E) 080-100	2.9	4.6	.5									8.0	5.7	6.0
110-130	1.3	1.8	.4									3.5	5.8	6.0
140-160	1.2	.4	.3									1.8	4.5	3.0
(S) 170-190	1.8	.4										2.2	2.9	2.0
200-220	.8	.3	.1									1.2	3.7	2.0
230-250	1.0											1.0	1.4	1.0
(W) 260-280	.9	.3	.1									1.3	4.1	3.0
290-310	2.6	.1										2.7	2.7	2.0
320-340	3.1	1.2	.1									4.4	3.8	3.5
VARIABLE														
CALM	////////////////////////////////////											49.7	////////////////////////////////	
TOTALS	35.7	12.6	1.8									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 766

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	2.9	.5									8.5	4.4	4.0
020-040	9.6	2.1	.3									12.0	3.3	3.0
050-070	7.1	2.6	.3									10.1	3.8	3.0
(E) 080-100	5.0	4.9	.8	.0								10.7	5.2	5.0
110-130	2.0	2.5	.3									4.8	5.3	5.0
140-160	1.6	1.3	.3									3.3	5.1	5.0
(S) 170-190	1.6	1.1	.1	.0								2.9	4.6	4.0
200-220	1.8	1.3	.1									3.2	4.3	4.0
230-250	1.9	.8	.1									2.8	3.8	3.0
(W) 260-280	2.4	1.0	.3									3.7	4.5	4.0
290-310	2.5	1.5	.3									4.4	4.7	4.0
320-340	2.8	2.4	.6									5.8	5.1	5.0
VARIABLE														
CALM	////////////////////											27.9	////////	
TOTALS	43.3	24.4	4.0									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	5.1	.8										5.9	3.1	3.0
020-040	3.7	1.0	.2									4.8	3.4	3.0
050-070	3.7	6.3	2.3									12.2	6.2	6.0
(E) 080-100	4.8	12.1	2.7									19.6	6.5	7.0
110-130	3.9	4.0	1.0									8.8	5.3	5.0
140-160	2.1	1.4	.5									4.0	5.4	4.0
(S) 170-190	1.9	1.6		.2								3.7	5.3	4.0
200-220	1.3	.8	.2									2.3	4.9	4.0
230-250	1.6	.2										1.8	3.3	4.0
(W) 260-280	1.4	2.1	.8									4.3	5.9	6.0
290-310	1.9	3.7	.2									5.8	5.4	6.0
320-340	3.1	2.4	.5									5.9	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											20.7	////////	
TOTALS	34.5	36.4	8.4	.2								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	2.8	.3									6.7	4.5	4.0
020-040	7.5	2.8										10.3	3.1	3.0
050-070	4.7	.8	.3									5.8	3.0	2.0
(E) 080-100	3.3	3.6	.3									7.2	4.9	5.0
110-130	1.9	2.2	.3									4.4	5.0	5.0
140-160	1.9	1.4	.3	.3								3.9	4.8	4.5
(S) 170-190	2.2	.6		.3								3.1	3.7	2.0
200-220	2.5	2.2	.6									5.3	5.0	5.0
230-250	1.4	.3										1.7	2.7	2.5
(W) 260-280	2.2	.8	.3	.3								3.6	4.5	2.0
290-310	3.6	2.5	.6									6.7	4.3	3.5
320-340	3.3	1.4	.6									5.3	4.4	4.0
VARIABLE														
CALM	////////////////////											36.1	////////	
TOTALS	38.1	21.4	3.6	.9								100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 360

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	1.4	.6									6.9	3.6	3.0
020-040	14.1	2.8										16.9	2.7	2.0
050-070	4.4	2.5	.3									7.2	3.8	2.5
(E) 080-100	2.8	1.9										4.7	4.4	4.0
110-130	2.5	1.9										4.4	4.5	4.0
140-160	1.4	1.4	.3									3.0	4.8	5.0
(S) 170-190	1.7		.6									2.2	3.9	1.5
200-220	2.5	1.7	.3									4.4	4.5	4.0
230-250	2.5	.6	.3									3.3	3.7	2.5
(W) 260-280	.8	.8	.3									1.9	5.4	5.0
290-310	5.5	1.9										7.5	3.4	2.0
320-340	4.1	1.1										5.2	3.2	2.0
VARIABLE														
CALM	////////////////////											32.3	////////	
TOTALS	47.3	18.0	2.7									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 362



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	2.1	.3									6.6	4.2	4.0
020-040	10.9	4.1										15.1	3.4	3.0
050-070	8.0	2.0	.4									10.5	3.4	2.5
(E) 080-100	4.5	4.2	.3									9.0	4.8	5.0
110-130	1.6	2.2	.8									4.6	6.0	6.0
140-160	1.6	1.2	.4									3.2	5.6	5.0
(S) 170-190	.9	.7	.2									1.8	5.2	5.0
200-220	1.1	.4										1.6	3.6	3.5
230-250	1.0	1.0	.1									2.7	4.3	4.0
(W) 260-280	1.9	1.9	.6									4.3	5.4	6.0
290-310	3.1	2.6	.8									6.5	5.2	5.0
320-340	2.2	1.6	.3	.1								4.2	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											30.0	////////	
TOTALS	41.5	24.0	4.2	.1								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	4.0	.7									7.4	5.8	6.0
020-040	5.5	4.8	.6									10.8	4.7	4.0
050-070	7.8	3.9	.7									12.4	4.2	4.0
(E) 080-100	5.8	5.4	.8									11.9	5.1	5.0
110-130	2.9	4.5	.9									8.2	5.4	5.0
140-160	2.1	4.6	1.0									7.7	6.1	6.0
(S) 170-190	1.1	1.2	1.3	.2								3.9	7.7	8.0
200-220	1.8	1.4	.8									4.0	5.4	5.0
230-250	1.6	2.2	.6									4.3	5.7	6.0
(W) 260-280	2.1	1.7	1.1	.1								5.0	6.1	6.0
290-310	1.4	3.6	1.8	.1								6.9	7.5	8.0
320-340	2.0	2.6	2.2									6.8	7.0	7.0
VARIABLE														
CALM	////////////////////											10.6	////////	
TOTALS	36.8	39.9	12.5	.4								100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	3.8	.8									8.4	5.2	5.0
020-040	3.8	3.1	.4									7.4	4.7	4.0
050-070	5.1	3.7	.1									8.9	4.3	4.0
(E) 080-100	3.7	3.6	.1									7.4	4.6	4.5
110-130	4.2	3.9	.1									8.2	4.7	4.0
140-160	3.0	2.8	2.5									8.2	6.5	6.0
(S) 170-190	2.3	3.0	3.5	.4								9.3	7.8	8.0
200-220	3.5	2.2	1.4	.1								7.2	5.8	5.0
230-250	3.3	1.4	.8		.1							5.7	5.4	4.0
(W) 260-280	2.1	2.6	1.6									6.2	6.6	6.0
290-310	2.1	3.2	3.7	.1								9.1	7.8	8.0
320-340	2.5	3.8	2.7	.2								9.1	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	39.4	37.1	17.7	.8	.1							100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	4.0	.3									8.4	4.8	5.0
020-040	4.7	2.2	.3									7.2	4.4	4.0
050-070	3.5	1.3	.2									5.0	3.8	3.0
(E) 080-100	6.0	3.2	.3									9.6	4.3	4.0
110-130	1.8	2.1	.7									4.6	5.9	6.0
140-160	3.7	2.9	.9	.1								7.6	5.4	5.0
(S) 170-190	3.3	2.2	1.3	.1	.3	.1						7.5	7.0	5.0
200-220	3.3	1.7	.7									5.7	4.6	4.0
230-250	2.8	1.0	.7									4.5	4.6	3.5
(W) 260-280	3.0	1.7	.6									5.2	5.1	4.0
290-310	3.9	4.1	1.9									9.9	6.1	6.0
320-340	3.9	4.5	2.2	.1								10.7	6.5	6.0
VARIABLE														
CALM	////////////////////											14.2	////////	
TOTALS	43.9	30.9	10.1	.3	.3	.1						100.0	4.6	4.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	2.1	.1									6.5	4.0	4.0
020-040	4.5	1.2										5.7	3.3	3.0
050-070	2.5	.7	.2									3.3	4.1	3.0
(E) 080-100	3.5	3.0	.3									6.8	4.9	4.0
110-130	2.7	2.0	.1									4.8	4.7	4.0
140-160	2.6	3.3	1.0									6.9	5.7	5.5
(S) 170-190	3.2	1.3	.4	.2								5.2	5.2	4.0
200-220	1.1	.2	.2									1.6	3.8	2.0
230-250	2.5											2.5	2.2	2.0
(W) 260-280	2.5	.7	.1									3.2	3.9	4.0
290-310	6.6	2.6	.3									9.5	4.1	4.0
320-340	6.5	3.1	.4	.1								10.1	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											33.9	////////	
TOTALS	42.4	20.2	3.1	.3								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.0	1.8	.4									6.2	4.2	3.0
020-040	7.0	2.0										9.0	3.6	4.0
050-070	3.7	1.2	.3									5.2	4.0	3.0
(E) 080-100	2.2	2.1	.4									4.8	5.0	5.0
110-130	2.0	2.5	.4									4.9	5.3	5.0
140-160	3.0	1.2	.9									5.1	5.2	4.0
(S) 170-190	2.6	1.3	.8	.1								4.8	5.3	4.0
200-220	1.6	.6	.2	.1								2.5	5.0	4.0
230-250	1.0											1.0	2.1	2.0
(W) 260-280	1.8	1.2	.3									3.3	4.9	4.0
290-310	3.3	2.2	.3		.1							6.0	4.8	4.0
320-340	5.0	3.5	.3	.1								8.9	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////										38.1	////////////////////////////////		
TOTALS	37.2	19.6	4.3	.3	.1							100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.9	.4									7.2	4.7	4.0
020-040	6.6	2.9	.2									9.7	3.8	3.0
050-070	5.0	2.1	.3									7.4	3.9	4.0
(E) 080-100	4.1	3.5	.4									8.0	4.8	4.0
110-130	2.5	2.8	.5									5.7	5.2	5.0
140-160	2.5	2.5	1.0	.0								6.1	5.7	5.0
(S) 170-190	2.2	1.5	1.1	.2	.0	.0						5.1	6.5	5.0
200-220	2.1	1.2	.5	.0								3.9	5.0	4.0
230-250	2.1	.9	.3		.0							3.3	4.5	4.0
(W) 260-280	2.1	1.5	.7	.0								4.4	5.5	5.0
290-310	3.6	2.9	1.3	.0	.0							7.9	5.7	5.0
320-340	3.7	2.9	1.2	.1								8.0	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											23.4	////////////////////////////////	
TOTALS	40.4	27.6	7.9	.3								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 6103

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	3.6										7.9	4.4	4.0
020-040	5.1	4.0	.1									9.2	4.3	4.0
050-070	3.9	3.9	1.4									9.2	5.5	5.0
(E) 080-100	5.2	6.0	1.3									12.5	5.5	5.5
110-130	3.3	5.7	1.7									10.7	6.0	6.0
140-160	1.8	2.2	.1									4.2	4.6	5.0
(S) 170-190	1.0	1.2	.3	.1								2.6	6.3	6.0
200-220	1.4	2.0	.4									3.8	5.4	5.0
230-250	1.0	2.1	.3									3.4	5.5	5.0
(W) 260-280	2.0	1.7	.5	.1								4.3	5.5	5.0
290-310	3.0	2.1	.5									5.6	4.7	4.0
320-340	3.6	3.8	.7									8.1	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											18.5	////////////////////////////////	
TOTALS	35.6	38.3	7.3	.2								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 768



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	3.3										9.0	3.8	4.0
020-040	7.6	1.6										9.2	3.1	3.0
050-070	2.7	.3	.3									3.3	3.3	2.0
(E) 080-100	1.4	2.7	1.1									5.2	6.4	6.0
110-130	1.4	.3										1.6	3.0	2.5
140-160	1.4	1.4	.3									3.0	5.1	5.0
(S) 170-190	2.2	.8	.5									3.5	5.2	4.0
200-220	1.1	.3										1.4	3.4	3.0
230-250	.	.3										1.1	2.8	2.5
(W) 260-280	2.7	.5										3.3	3.2	2.5
290-310	4.9	1.6	.8									7.3	4.4	4.0
320-340	4.1	.8	1.1	.3								6.2	5.2	3.0
VARIABLE														
CALM	////////////////////////////////////											45.9	////////////////////////////////	
TOTALS	36.0	13.9	4.1	.3								100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 368

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	2.4										8.1	3.3	3.0
020-040	7.9	1.9										9.8	3.3	3.0
050-070	6.0	.3	.8	.3								7.3	4.1	3.0
(E) 080-100	2.7	2.2	.3									5.1	5.2	4.0
110-130	.8											.8	2.3	3.0
140-160	1.9	.3										2.2	2.8	2.0
(S) 170-190	3.3	.5	1.1									4.9	4.9	3.0
200-220	1.6	.3	.3									2.2	4.1	2.5
230-250	1.1											1.1	2.3	2.0
(W) 260-280	2.7	.3	.3									3.3	3.6	3.0
290-310	3.3	2.2	.5									6.0	4.8	3.0
320-340	4.1	1.9	.3									6.2	4.1	3.0
VARIABLE														
CALM	////////////////////////////////////											43.1	////////////////////////////////	
TOTALS	41.1	12.3	3.6	.3								100.0	2.2	3.0
TOTAL NUMBER OF OBSERVATIONS 369														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	3.0	.4									7.8	4.1	4.0
020-040	12.7	3.0	.1									15.8	3.4	3.0
050-070	7.9	1.7	.1									9.7	3.4	3.0
(E) 080-100	3.3	2.6	.6									6.5	4.9	4.0
110-130	1.4	1.0	.5									2.8	5.4	5.0
140-160	.9	.5	.2									1.6	5.3	4.0
(S) 170-190	2.2	.4			.1							2.7	3.7	2.0
200-220	2.6	.7	.1									3.4	3.7	3.0
230-250	1.6	.6										2.2	3.1	2.0
(W) 260-280	2.7	1.2	.5									4.4	4.7	4.0
290-310	3.1	2.0	.4		.1							5.5	5.6	4.0
320-340	3.0	2.5	1.6									7.0	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											30.4	////////	
TOTALS	45.8	19.2	4.5		.2							100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 812														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.8	1.6									8.7	6.2	6.0
020-040	7.1	3.3	.2									10.6	3.9	3.0
050-070	9.4	2.6	.5									12.4	3.5	3.0
(E) 080-100	5.8	5.5	1.3									12.5	5.2	5.0
110-130	2.7	3.3	.5									6.4	5.2	5.0
140-160	1.7	1.6	.8	.1								4.3	6.2	5.0
(S) 170-190	1.9	1.5	.6									3.9	5.3	5.0
200-220	2.0	.7	.3									3.0	4.3	3.0
230-250	2.8	1.7	.8									5.3	4.9	4.0
(W) 260-280	2.9	2.3	.9									6.2	5.3	5.0
290-310	2.4	2.1	1.3									5.8	6.1	5.5
320-340	2.6	4.2	2.6	.3								9.6	7.3	7.0
VARIABLE														
CALM	////////////////////											11.1	////////	
TOTALS	44.6	32.6	11.4	.4								100.0	4.6	4.0
TOTAL NUMBER OF OBSERVATIONS 861														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.7	3.3	1.8									9.7	5.6	5.0
020-040	6.4	2.0										8.4	3.3	3.0
050-070	4.0	1.8	.4									6.1	3.9	4.0
(E) 080-100	3.3	3.2	.9									7.4	5.3	5.0
110-130	3.0	2.2	.5									5.7	5.0	4.0
140-160	2.0	3.0	1.4	.1								6.5	6.8	6.5
(S) 170-190	3.2	1.5	1.2									5.8	5.6	4.0
200-220	2.9	2.2	.7	.2								6.1	5.8	5.0
230-250	3.2	3.4	1.1	.2								7.8	6.0	6.0
(W) 260-280	2.7	4.6	1.3	.4								8.9	6.4	6.0
290-310	2.1	4.0	1.4									7.5	6.7	7.0
320-340	4.4	3.5	4.0	.1								12.0	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											8.2	////////////////////////////////	
TOTALS	41.9	34.7	14.7	1.0								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 857

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.6	5.1	.7									11.4	5.1	5.0
020-040	4.4	1.3										5.7	3.1	2.0
050-070	3.6	1.5										5.1	3.3	3.0
(E) 080-100	5.1	2.5	.5									8.1	4.3	4.0
110-130	1.3	1.8	.2									3.3	5.7	5.0
140-160	2.5	2.3	.7									5.5	5.3	5.0
(S) 170-190	3.3	2.4	.8									6.5	5.3	4.0
200-220	3.5	2.4	.4									6.2	4.7	4.0
230-250	4.2	1.9	.7									6.8	4.4	4.0
(W) 260-280	3.5	2.9	.2	.1								6.7	5.0	4.0
290-310	3.7	3.7	1.4									8.8	5.8	5.5
320-340	4.5	4.5	2.7	.2								12.0	6.7	6.0
VARIABLE														
CALM	////////////////////////////////////											13.8	//////////	
TOTALS	45.2	32.3	8.3	.3								100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 840														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	3.8	.8									11.3	4.4	4.0
020-040	3.0	.8	.3									4.0	3.6	3.0
050-070	2.8	.9	.1									3.8	3.6	3.0
(E) 080-100	2.6	2.3	.3									5.1	4.7	4.0
110-130	3.4	1.8	.5									5.6	4.5	4.0
140-160	3.9	1.8	.4									6.0	4.6	4.0
(S) 170-190	4.0	1.3		.1								5.4	3.9	3.0
200-220	1.9	.3	.3									2.4	3.8	2.0
230-250	2.5	.1	.1									2.8	3.0	2.0
(W) 260-280	3.4	.4										3.8	2.8	2.0
290-310	3.4	2.8	.6									6.8	5.1	4.5
320-340	6.6	3.9	.8									11.3	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											31.8	////////	
TOTALS	44.3	20.2	4.2	.1								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	4.3	.4									10.7	4.5	4.0
020-040	7.4	1.5										8.9	2.9	2.0
050-070	2.0	.8	.1									2.9	3.7	3.0
(E) 080-100	2.8	2.3	.3									5.3	5.0	4.0
110-130	2.8	1.3	.3									4.3	4.8	4.0
140-160	2.3	1.0	.1									3.4	4.1	3.0
(S) 170-190	3.7	2.3	.3		.1							6.3	4.8	4.0
200-220	1.6	.6	.1									2.4	3.8	3.0
230-250	1.9	.3										2.2	2.5	2.0
(W) 260-280	2.2	.8										2.9	3.5	2.0
290-310	4.1	1.9	1.1									7.1	4.8	4.0
320-340	5.5	2.3	.6									8.4	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											35.2	////////////////////////////////	
TOTALS	42.3	19.4	3.3		.1							100.0	2.7	4.0
TOTAL NUMBER OF OBSERVATIONS 788														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	3.7	.8									9.7	4.8	4.0
020-040	6.9	1.9	.1									9.0	3.4	3.0
050-070	4.9	1.4	.2	.0								6.6	3.6	3.0
(E) 080-100	3.6	3.0	.6									7.3	5.0	5.0
110-130	2.2	1.7	.4									4.3	5.0	4.0
140-160	2.1	1.6	.6	.0								4.3	5.4	5.0
(S) 170-190	3.0	1.4	.5	.0	.0							5.0	4.9	4.0
200-220	2.3	1.1	.3	.0								3.7	4.6	4.0
230-250	2.5	1.2	.4	.0								4.1	4.5	4.0
(W) 260-280	2.9	1.8	.5	.1								5.2	4.9	4.0
290-310	3.2	2.6	1.0		.0							6.9	5.6	5.0
320-340	4.4	3.2	1.9	.1								9.6	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											24.4	////////////////////////////////	
TOTALS	43.2	24.6	7.3	.2								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 5693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	4.2	.7									9.8	4.9	5.0
020-040	5.1	1.9	.3									7.3	3.8	3.0
050-070	4.5	1.5	1.0									7.0	4.9	4.0
(E) 080-100	5.0	4.1	2.5									11.5	6.0	6.0
110-130	2.2	2.2	1.0									5.4	5.7	5.0
140-160	2.3	.9	.6									3.8	4.5	3.5
(S) 170-190	3.5	1.8	.6		.1							6.0	4.8	4.0
200-220	1.5	.9	.3	.1								2.8	5.4	4.0
230-250	1.5	.7	.3									2.5	4.4	4.0
(W) 260-280	2.8	2.9	.7									6.4	5.7	5.5
290-310	2.5	5.1	.9		.1							8.6	6.4	7.0
320-340	5.3	3.2	1.5	.1								10.1	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////	
TOTALS	41.0	29.4	10.4	.2	.2							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.2	2.5	.5	.0								7.2	4.5	4.0
020-040	6.6	2.0	.2	.0	.0							8.8	3.5	3.0
050-070	5.2	2.0	.3	.0								7.4	3.9	3.0
(E) 080-100	3.7	2.9	.6	.0	.0							7.2	5.0	4.0
110-130	2.2	1.8	.4	.0	.0							4.4	5.0	4.0
140-160	2.6	1.8	.5	.1	.0	.0						5.0	5.2	4.0
(S) 170-190	3.1	1.8	.7	.1	.0	.0						5.8	5.2	4.0
200-220	3.6	1.9	.5	.0	.0							6.1	4.6	4.0
230-250	3.8	1.8	.5	.0	.0							6.1	4.4	4.0
(W) 260-280	3.6	2.1	.7	.1	.0	.0						6.5	4.9	4.0
290-310	3.2	2.0	.9	.1	.0	.0						6.2	5.4	4.0
320-340	3.3	2.3	1.1	.1	.0	.0						6.9	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											22.6	////////////////////////////////	
TOTALS	45.1	24.9	6.9	.5								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS: 73619

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.6	2.0	.3	.0								6.1	4.4	4.0
020-040	5.3	2.0	.3		.0							7.6	3.9	3.0
050-070	5.4	3.9	1.0	.0								10.4	5.1	4.0
(E) 080-100	5.2	6.5	2.1	.1								13.9	6.0	6.0
110-130	3.0	2.7	.7	.0								6.5	5.3	5.0
140-160	2.9	1.7	.4	.0								5.0	4.7	4.0
(S) 170-190	2.9	1.7	.4	.1	.0	.0						5.1	4.8	4.0
200-220	2.8	1.6	.3	.0	.0							4.7	4.4	4.0
230-250	2.8	1.1	.2	.0								4.2	4.1	4.0
(W) 260-280	2.9	2.2	.7	.1	.0							5.8	5.3	5.0
290-310	2.9	2.4	1.0	.1	.0							6.4	5.7	5.0
320-340	3.1	2.4	1.1	.1	.0							6.7	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											17.6	////////	
TOTALS	42.8	30.2	8.5	.5								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS: 6989

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

## PART D

### CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

#### CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET-- "NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

#### SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 74 - AUG 89  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	50.8	51.1	51.1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	55.4	56.0	56.3	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	55.4	56.0	56.3	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	55.4	56.0	56.3	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 14000	55.4	56.0	56.3	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 12000	56.8	57.3	57.6	57.6	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	58.4	59.0	59.2	59.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 9000	58.4	59.0	59.2	59.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	62.5	63.3	63.6	63.6	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 7000	62.8	63.6	63.9	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	62.8	63.9	64.1	64.1	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	64.1	65.5	65.8	66.0	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	65.2	66.6	66.8	67.1	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4000	66.6	67.9	68.2	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500	68.2	69.8	70.1	70.9	71.7	71.7	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 3000	70.1	72.0	72.6	75.0	76.1	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2500	72.6	74.5	75.3	77.7	78.8	78.8	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	73.9	75.8	77.2	79.6	80.7	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	73.9	75.8	77.2	79.6	80.7	80.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	75.8	78.8	80.4	83.7	84.8	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1200	76.4	80.2	82.1	85.6	87.0	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	77.2	81.3	83.7	87.5	89.1	89.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 900	78.0	82.1	85.1	89.7	92.4	92.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	78.3	82.3	85.3	89.9	92.7	92.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	78.5	82.6	85.9	90.8	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	78.5	82.6	85.9	91.3	94.0	94.0	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	78.5	82.6	86.1	91.8	94.8	95.7	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	78.5	82.6	86.1	91.8	94.8	95.7	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	78.5	82.6	86.1	92.1	95.1	95.9	97.6	97.6	97.6	98.1	98.4	98.4	98.9	98.9	98.9	98.9
GE 200	78.5	82.6	86.1	92.1	95.1	95.9	97.6	97.6	97.6	98.1	98.6	98.6	99.2	99.2	99.2	100.0
GE 100	78.5	82.6	86.1	92.1	95.1	95.9	97.6	97.6	97.6	98.1	98.6	98.6	99.2	99.2	99.2	100.0
GE 000	78.5	82.6	86.1	92.1	95.1	95.9	97.6	97.6	97.6	98.1	98.6	98.6	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 368



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.6	48.6	48.6	49.2	49.5	49.5	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	53.5	53.5	54.3	54.9	55.1	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	53.5	53.5	54.3	54.9	55.1	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 16000	53.5	53.5	54.3	54.9	55.1	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 14000	53.5	53.5	54.3	54.9	55.1	55.1	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 12000	55.1	55.1	55.9	56.5	56.8	56.8	56.8	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	57.3	57.3	58.1	58.6	58.9	58.9	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 9000	57.3	57.3	58.1	58.6	58.9	58.9	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 8000	59.7	59.7	60.5	61.1	61.4	61.4	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	59.7	59.7	60.5	61.4	61.6	61.6	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	59.7	59.7	60.5	61.4	61.6	61.6	61.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	60.3	60.5	61.4	62.4	62.7	62.7	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4500	62.7	63.0	64.1	65.1	65.4	65.4	65.4	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 4000	64.3	64.6	65.7	68.1	68.4	68.4	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	64.6	64.9	65.9	68.6	68.9	68.9	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3000	66.2	66.5	68.1	71.4	71.6	71.6	71.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	67.3	67.8	69.5	72.7	73.0	73.0	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 2000	68.4	68.9	70.5	74.1	74.3	74.3	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1800	68.4	69.2	71.1	74.6	74.9	74.9	75.1	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1500	70.0	72.4	74.9	78.9	79.2	79.2	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1200	71.9	74.9	77.6	82.2	82.4	82.4	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1000	73.5	77.3	80.3	84.9	85.1	85.1	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 900	74.3	78.6	82.7	87.6	88.1	88.1	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 800	74.6	79.5	83.8	89.2	89.7	89.7	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	74.9	79.7	84.1	89.5	90.0	90.0	90.5	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 600	74.9	80.3	85.1	90.8	91.6	91.6	92.2	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	75.1	80.5	85.4	91.4	92.2	92.7	94.6	95.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 400	75.1	80.5	85.4	91.6	92.7	93.2	95.7	96.5	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	75.1	80.5	85.4	91.6	92.7	93.2	95.7	96.5	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.8
GE 200	75.1	80.5	85.4	91.6	92.7	93.2	95.7	96.5	97.0	97.3	97.8	97.8	98.1	98.1	98.6	99.5
GE 100	75.1	80.5	85.4	91.6	92.7	93.2	95.7	96.5	97.0	97.3	97.8	97.8	98.1	98.1	98.6	100.0
GE 000	75.1	80.5	85.4	91.6	92.7	93.2	95.7	96.5	97.0	97.3	97.8	97.8	98.1	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 370

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.4	40.2	42.2	43.2	44.0	44.2	44.8	45.0	45.1	45.6	45.6	45.8	46.3	46.3	46.5	46.9
GE 20000	38.8	42.7	45.3	46.6	47.4	47.6	48.1	48.4	48.5	48.9	48.9	49.2	49.7	49.7	49.8	50.3
GE 18000	38.9	42.9	45.4	46.7	47.5	47.7	48.3	48.5	48.6	49.0	49.0	49.3	49.8	49.8	49.9	50.4
GE 16000	38.9	42.9	45.4	46.7	47.5	47.7	48.3	48.5	48.6	49.0	49.0	49.3	49.8	49.8	49.9	50.4
GE 14000	39.0	43.1	45.8	47.0	47.8	48.0	48.6	48.8	48.9	49.4	49.4	49.6	50.2	50.2	50.3	50.7
GE 12000	39.8	44.0	46.7	47.9	48.7	48.9	49.5	49.7	49.8	50.3	50.3	50.5	51.1	51.1	51.2	51.6
GE 10000	42.5	46.9	49.9	51.3	52.1	52.3	52.9	53.1	53.2	53.7	53.7	53.9	54.4	54.4	54.6	55.0
GE 9000	42.9	47.2	50.3	51.6	52.4	52.6	53.2	53.4	53.5	54.0	54.0	54.2	54.8	54.8	54.9	55.3
GE 8000	45.7	50.1	53.4	54.8	55.6	55.8	56.5	56.7	56.8	57.3	57.3	57.5	58.0	58.0	58.2	58.6
GE 7000	45.8	50.2	53.5	54.9	55.7	55.9	56.6	56.8	56.9	57.4	57.4	57.6	58.2	58.2	58.3	58.7
GE 6000	46.0	50.4	53.8	55.1	55.9	56.1	56.8	57.0	57.1	57.6	57.6	57.8	58.4	58.4	58.5	58.9
GE 5000	47.2	51.9	55.7	57.1	57.9	58.2	58.8	59.1	59.2	59.6	59.6	59.8	60.4	60.4	60.5	61.0
GE 4500	48.0	52.6	56.5	57.9	58.7	58.9	59.6	59.8	60.0	60.4	60.4	60.6	61.2	61.2	61.3	61.8
GE 4000	48.9	53.9	57.9	59.5	60.5	60.7	61.4	61.6	61.8	62.2	62.2	62.4	63.0	63.0	63.1	63.7
GE 3500	49.6	54.8	59.1	60.6	61.6	61.9	62.9	63.1	63.2	63.7	63.7	63.9	64.5	64.5	64.6	65.2
GE 3000	51.6	56.8	61.2	63.0	64.0	64.2	65.2	65.5	65.6	66.0	66.0	66.3	66.8	66.8	66.9	67.6
GE 2500	53.7	58.9	63.7	65.8	66.8	67.0	68.4	68.6	68.7	69.4	69.4	69.6	70.2	70.2	70.3	71.0
GE 2000	55.6	61.1	65.9	68.1	69.2	69.5	71.0	71.2	71.3	72.0	72.0	72.2	72.8	72.8	73.0	73.8
GE 1800	56.5	62.2	67.3	69.4	70.6	71.0	72.4	72.7	72.8	73.5	73.5	73.7	74.2	74.2	74.5	75.3
GE 1500	57.9	64.1	69.6	72.2	73.5	73.8	75.3	75.5	75.6	76.3	76.4	76.6	77.2	77.2	77.4	78.2
GE 1200	59.3	65.7	71.5	74.5	75.9	76.3	78.1	78.3	78.4	79.1	79.2	79.4	80.0	80.0	80.2	81.1
GE 1000	59.8	66.5	72.6	75.8	77.5	77.8	79.6	80.0	80.1	80.8	80.9	81.1	81.7	81.7	81.9	82.8
GE 900	61.5	68.6	74.7	78.0	79.8	80.1	82.1	82.5	82.6	83.2	83.4	83.6	84.1	84.1	84.4	85.3
GE 800	62.1	69.3	75.7	79.5	81.6	82.1	84.1	84.5	84.7	85.8	85.9	86.2	86.7	86.7	87.0	87.9
GE 700	62.4	70.0	76.8	80.7	82.7	83.2	85.3	85.8	86.1	87.4	87.5	87.7	88.3	88.3	88.5	89.4
GE 600	62.5	70.1	77.3	81.8	83.9	84.5	86.6	87.2	87.4	88.8	88.9	89.1	89.7	89.8	90.0	90.9
GE 500	62.5	70.2	78.0	82.5	84.8	85.4	87.5	88.4	88.6	90.2	90.4	90.7	91.3	91.5	91.7	92.6
GE 400	62.5	70.5	78.5	83.1	85.8	86.4	88.9	90.0	90.3	92.0	92.6	92.8	93.9	94.0	94.3	95.2
GE 300	62.7	70.8	78.7	83.5	86.2	86.7	89.3	90.4	90.8	92.7	93.7	93.9	95.5	95.6	96.3	97.2
GE 200	62.7	70.8	78.7	83.5	86.2	86.7	89.4	90.6	90.9	93.0	94.0	94.3	96.4	96.5	98.0	99.1
GE 100	62.7	70.8	78.7	83.5	86.2	86.7	89.4	90.6	90.9	93.0	94.0	94.3	96.5	96.7	98.4	100.0
GE 000	62.7	70.8	78.7	83.5	86.2	86.7	89.4	90.6	90.9	93.0	94.0	94.3	96.5	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 889

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.1	41.4	42.2	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 20000	41.6	47.9	49.1	49.3	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 18000	41.7	48.0	49.2	49.4	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 16000	41.7	48.0	49.2	49.4	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 14000	41.9	48.3	49.7	49.9	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	43.1	49.7	51.2	51.5	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	46.5	53.7	55.7	55.9	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	47.1	54.3	56.3	56.5	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	49.8	56.9	58.9	59.2	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 7000	50.3	57.8	59.8	60.1	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 6000	50.8	58.3	60.3	60.5	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 5000	52.6	60.3	62.8	63.0	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4500	52.9	60.9	63.4	63.8	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	53.5	61.5	64.1	64.4	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 3500	54.4	62.6	65.5	66.0	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7
GE 3000	55.3	64.0	66.9	67.4	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 2500	56.6	66.1	69.4	70.0	70.5	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0
GE 2000	58.5	68.5	71.9	72.6	73.0	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8
GE 1800	59.5	69.6	73.0	73.7	74.2	74.5	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1
GE 1500	61.5	72.6	76.6	77.7	78.3	78.7	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
GE 1200	62.6	74.2	78.9	80.1	80.6	81.1	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
GE 1000	63.5	75.7	80.6	82.2	83.1	83.7	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
GE 900	64.5	77.1	82.3	84.1	85.2	85.9	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
GE 800	65.0	78.4	83.9	86.2	87.6	88.4	89.1	89.4	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.8
GE 700	65.3	79.0	84.6	87.0	88.5	89.3	90.0	90.3	90.6	90.7	90.9	90.9	90.9	90.9	90.9	91.1
GE 600	65.4	79.1	85.1	87.7	89.5	90.4	91.4	91.7	92.1	92.2	92.4	92.4	92.5	92.5	92.5	92.6
GE 500	65.5	79.3	85.5	88.4	90.4	91.5	92.5	93.2	93.6	94.0	94.4	94.4	94.5	94.5	94.5	94.6
GE 400	65.5	79.4	85.9	89.0	91.3	92.4	93.6	94.4	95.2	96.1	96.9	96.9	97.0	97.0	97.0	97.1
GE 300	65.5	79.5	86.0	89.3	91.5	92.6	93.8	94.6	95.5	97.0	98.3	98.3	98.9	98.9	98.9	99.0
GE 200	65.5	79.5	86.0	89.3	91.5	92.6	93.8	94.6	95.5	97.0	98.4	98.4	99.2	99.4	99.7	99.9
GE 100	65.5	79.5	86.0	89.3	91.5	92.6	93.8	94.6	95.5	97.0	98.4	98.4	99.2	99.4	99.7	100.0
GE 000	65.5	79.5	86.0	89.3	91.5	92.6	93.8	94.6	95.5	97.0	98.4	98.4	99.2	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.4	46.5	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	51.7	53.1	53.2	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 18000	51.7	53.1	53.2	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	51.7	53.1	53.2	53.3	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	52.6	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 12000	53.7	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 10000	56.9	59.7	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	57.8	60.6	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 8000	61.4	64.2	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 7000	61.9	65.1	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	62.4	65.5	65.7	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 5000	62.8	66.0	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4500	63.8	67.0	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4000	64.7	68.1	68.4	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3500	65.6	69.2	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3000	67.4	71.9	72.4	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 2500	69.6	74.6	75.2	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2000	73.0	78.7	79.5	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1800	74.1	80.2	81.1	81.8	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	75.2	82.3	83.3	84.2	84.8	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	76.1	83.6	84.9	85.9	86.9	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	76.6	84.3	85.8	87.1	88.3	88.5	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	78.0	86.3	88.1	89.8	91.1	91.3	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	78.7	87.3	89.5	91.3	92.6	92.9	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	79.0	87.9	90.4	92.4	93.9	94.1	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	79.0	88.2	90.7	92.7	94.4	94.6	95.5	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	79.1	88.3	91.2	93.5	95.2	95.5	96.4	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	79.1	88.3	91.2	93.5	95.4	95.9	96.9	97.7	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	79.1	88.3	91.2	93.5	95.4	95.9	96.9	97.7	97.9	99.0	99.4	99.4	99.6	99.6	99.6	99.6
GE 200	79.1	88.3	91.2	93.5	95.4	95.9	96.9	97.7	97.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	79.1	88.3	91.2	93.5	95.4	95.9	96.9	97.7	97.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	79.1	88.3	91.2	93.5	95.4	95.9	96.9	97.7	97.9	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	47.3	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 20000	54.5	55.8	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 18000	54.5	55.8	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	55.0	56.2	56.4	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 14000	55.4	56.9	57.1	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	57.6	59.2	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 10000	59.8	61.8	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 9000	60.1	62.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 8000	63.6	66.1	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 7000	63.9	66.9	67.4	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	64.8	67.7	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	66.3	69.4	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	67.1	70.4	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	68.8	72.3	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3500	69.7	73.3	73.9	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	71.8	75.8	76.5	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	73.8	77.8	78.5	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 2000	76.3	80.5	81.7	82.5	82.9	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	76.7	81.1	82.3	83.2	83.7	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	78.4	83.5	84.8	86.0	86.6	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1200	79.5	85.2	86.6	88.1	88.7	88.8	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	80.1	86.1	87.8	90.0	90.8	90.9	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	80.5	87.3	90.0	92.3	93.2	93.3	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	80.6	87.5	90.3	92.5	93.8	94.0	94.6	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	81.3	88.4	91.2	93.5	95.1	95.2	95.9	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	81.5	88.6	91.4	94.0	95.6	95.9	96.6	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	81.5	88.6	91.4	94.0	96.0	96.3	97.2	97.5	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	81.5	88.7	91.5	94.1	96.1	96.4	97.3	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	81.6	88.8	91.6	94.2	96.2	96.5	97.4	97.9	98.7	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	81.6	88.8	91.6	94.2	96.2	96.5	97.4	97.9	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	81.6	88.8	91.6	94.2	96.2	96.5	97.4	97.9	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 000	81.6	88.8	91.6	94.2	96.2	96.5	97.4	97.9	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.8	51.9	52.1	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	55.6	56.7	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 18000	55.6	56.7	56.9	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 16000	55.9	57.0	57.3	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 14000	56.1	57.3	57.5	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	58.2	59.3	59.5	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 10000	61.0	62.1	62.3	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 9000	61.3	62.5	62.7	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	64.4	66.2	66.6	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	64.5	66.3	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	64.5	66.3	67.2	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	66.1	67.9	69.3	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	66.9	69.0	70.5	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4000	67.4	69.7	71.4	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 3500	68.9	71.6	73.3	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 3000	71.6	74.6	76.4	77.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	72.7	76.2	78.5	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	75.3	79.1	81.7	83.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	76.1	80.0	82.8	84.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1500	77.6	82.0	85.1	86.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1200	78.0	82.4	85.9	87.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	78.4	83.0	87.0	89.1	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	78.9	83.5	87.9	90.3	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	78.9	83.5	87.9	90.6	92.6	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	79.6	84.2	88.7	91.8	93.8	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	79.7	84.3	88.8	92.2	94.3	94.3	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 500	79.7	84.8	89.5	93.1	95.5	95.6	96.7	97.0	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 400	79.7	84.9	89.6	93.3	95.8	95.9	97.3	97.7	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	79.7	84.9	89.6	93.3	95.8	95.9	97.3	97.7	98.2	98.4	98.9	99.2	99.3	99.3	99.3	99.3
GE 200	79.7	84.9	89.6	93.3	95.8	95.9	97.3	97.7	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0
GE 100	79.7	84.9	89.6	93.3	95.8	95.9	97.3	97.7	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0
GE 000	79.7	84.9	89.6	93.3	95.8	95.9	97.3	97.7	98.2	98.8	99.3	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 887

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.2	52.4	52.6	52.9	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5
GE 20000	56.0	57.1	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.4	58.4
GE 18000	56.0	57.1	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.4	58.4
GE 16000	56.2	57.4	57.6	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.6
GE 14000	56.2	57.4	57.6	58.0	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.6	58.6
GE 12000	57.9	59.0	59.4	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.4	60.4
GE 10000	60.1	61.2	61.5	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.7	62.7
GE 9000	60.1	61.2	61.5	62.0	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.6	62.6	62.7	62.7
GE 8000	62.9	64.3	64.9	65.5	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
GE 7000	62.9	64.3	64.9	65.5	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3
GE 6000	63.0	64.4	65.0	65.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.4	66.4
GE 5000	65.0	66.4	67.1	67.6	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.4
GE 4500	65.6	67.0	67.9	68.4	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.2	69.2
GE 4000	67.1	68.4	69.9	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.2	71.3	71.3
GE 3500	68.6	70.0	71.6	72.2	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	73.0	73.0
GE 3000	71.2	72.7	74.4	75.7	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.7	76.7
GE 2500	73.4	75.1	76.9	78.4	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.6	79.6
GE 2000	74.8	77.3	79.2	80.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.1
GE 1800	75.0	77.6	79.5	81.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.6	82.6
GE 1500	76.4	79.9	82.0	84.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.7	85.7
GE 1200	76.8	80.3	82.7	85.4	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.2	87.2
GE 1000	78.1	82.0	84.6	87.7	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.5	89.5
GE 900	79.3	83.5	86.1	89.6	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.7	91.7
GE 800	79.5	83.8	86.4	90.2	91.7	91.7	92.2	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.5	92.5
GE 700	79.5	84.0	86.7	90.5	92.6	92.6	93.3	93.4	93.6	93.6	93.6	93.6	93.7	93.7	93.8	93.8
GE 600	79.6	84.3	87.0	90.8	93.3	93.3	94.0	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.8	94.8
GE 500	79.6	84.7	87.6	91.5	94.0	94.2	95.0	95.6	95.7	96.3	96.5	96.5	96.6	96.6	96.7	96.7
GE 400	79.8	84.8	87.8	91.7	94.2	94.6	95.4	96.3	96.4	97.1	97.3	97.3	97.6	97.6	97.7	97.7
GE 300	79.8	84.8	87.8	92.0	94.7	95.0	96.3	97.2	97.4	98.2	98.4	98.4	99.2	99.2	99.3	99.3
GE 200	79.8	84.8	87.8	92.0	94.7	95.0	96.3	97.2	97.4	98.2	98.5	98.5	99.3	99.3	99.8	99.8
GE 100	79.8	84.8	87.8	92.0	94.7	95.0	96.3	97.2	97.4	98.2	98.5	98.5	99.4	99.4	100.0	100.0
GE 000	79.8	84.8	87.8	92.0	94.7	95.0	96.3	97.2	97.4	98.2	98.5	98.5	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 884

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.0	47.0	47.5	47.9	48.2	48.2	48.3	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.7	48.7
GE 20000	50.3	52.5	53.3	53.7	54.0	54.0	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.5	54.5
GE 18000	50.3	52.6	53.3	53.7	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.4	54.5	54.5	54.5	54.6
GE 16000	50.5	52.7	53.4	53.9	54.2	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.7
GE 14000	50.7	53.1	53.9	54.3	54.6	54.7	54.8	54.8	54.9	54.9	54.9	55.0	55.1	55.1	55.1	55.2
GE 12000	52.2	54.8	55.6	56.0	56.3	56.4	56.5	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.9
GE 10000	54.9	57.6	58.6	59.0	59.3	59.4	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.9
GE 9000	55.2	58.0	58.9	59.4	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.3
GE 8000	58.3	61.3	62.4	62.9	63.2	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	63.8
GE 7000	58.6	61.7	62.9	63.4	63.7	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.3
GE 6000	58.9	62.1	63.3	63.8	64.2	64.2	64.3	64.4	64.4	64.5	64.5	64.5	64.6	64.6	64.7	64.7
GE 5000	60.3	63.6	65.0	65.6	65.9	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.5
GE 4500	61.1	64.5	66.0	66.6	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.5	67.5
GE 4000	62.2	65.7	67.4	68.1	68.5	68.6	68.7	68.8	68.8	68.8	68.8	68.9	69.0	69.0	69.0	69.1
GE 3500	63.2	67.0	68.8	69.6	70.0	70.1	70.3	70.4	70.4	70.4	70.4	70.5	70.6	70.6	70.6	70.7
GE 3000	65.2	69.3	71.2	72.4	72.9	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.7
GE 2500	67.0	71.4	73.5	74.8	75.5	75.5	75.9	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.3
GE 2000	69.2	74.0	76.3	77.7	78.5	78.6	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.5
GE 1800	69.8	74.8	77.2	78.7	79.5	79.6	80.0	80.1	80.1	80.2	80.2	80.3	80.4	80.4	80.4	80.5
GE 1500	71.4	77.2	79.9	81.8	82.7	82.8	83.3	83.4	83.4	83.5	83.5	83.6	83.7	83.7	83.7	83.9
GE 1200	72.3	78.4	81.5	83.7	84.7	84.8	85.5	85.6	85.6	85.7	85.8	85.8	85.9	85.9	85.9	86.1
GE 1000	73.0	79.6	82.9	85.4	86.6	86.8	87.5	87.7	87.7	87.8	87.8	87.9	88.0	88.0	88.0	88.2
GE 900	74.1	81.0	84.7	87.5	88.9	89.1	89.9	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.6
GE 800	74.4	81.5	85.5	88.5	90.1	90.4	91.3	91.4	91.6	91.8	91.8	91.9	92.0	92.0	92.0	92.2
GE 700	74.8	82.1	86.2	89.4	91.2	91.4	92.3	92.6	92.7	93.0	93.0	93.1	93.2	93.2	93.2	93.4
GE 600	74.9	82.3	86.6	90.0	92.0	92.2	93.2	93.5	93.7	94.0	94.1	94.1	94.2	94.3	94.3	94.5
GE 500	74.9	82.5	87.0	90.6	92.7	93.2	94.4	95.0	95.3	95.8	95.9	96.0	96.1	96.1	96.2	96.3
GE 400	75.0	82.6	87.2	90.9	93.2	93.7	95.1	95.8	96.2	96.9	97.2	97.2	97.5	97.5	97.5	97.7
GE 300	75.0	82.7	87.3	91.1	93.4	93.9	95.3	96.1	96.5	97.5	98.0	98.1	98.6	98.6	98.8	98.9
GE 200	75.0	82.7	87.3	91.1	93.4	93.9	95.4	96.1	96.5	97.6	98.3	98.4	99.0	99.1	99.5	99.8
GE 100	75.0	82.7	87.3	91.1	93.4	93.9	95.4	96.1	96.5	97.6	98.3	98.4	99.1	99.2	99.6	100.0
GE 000	75.0	82.7	87.3	91.1	93.4	93.9	95.4	96.1	96.5	97.6	98.3	98.4	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6081



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.5	42.8	44.0	44.5	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	44.0	47.5	48.7	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 18000	44.0	47.5	48.7	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 16000	44.0	47.5	48.7	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 14000	44.0	47.5	48.7	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 12000	45.1	48.7	49.9	50.4	50.4	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 10000	46.6	50.1	51.3	51.9	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 9000	47.2	50.7	51.9	52.5	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 8000	51.0	54.6	55.8	56.6	56.6	56.6	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 7000	51.0	54.9	56.0	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	51.3	55.2	56.3	57.2	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 5000	52.2	56.0	57.2	58.1	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 4500	53.1	56.9	58.1	59.0	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 4000	53.4	57.2	58.4	59.3	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 3500	56.6	60.5	61.7	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3000	60.5	64.3	65.5	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2500	61.7	65.8	67.8	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 2000	66.4	70.5	72.6	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 1800	66.4	70.5	73.2	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 1500	69.3	73.5	76.4	77.9	78.2	78.2	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1200	72.0	76.1	79.9	81.7	82.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1000	73.5	77.6	81.4	83.2	83.8	83.8	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 900	74.3	78.8	82.6	85.0	85.8	85.8	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 800	75.2	81.1	85.3	87.9	88.8	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	76.1	82.3	86.7	89.4	90.6	90.9	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	76.1	83.2	87.9	90.6	92.6	92.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.3
GE 500	76.1	83.2	88.2	91.2	94.4	95.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.2
GE 400	76.1	83.2	88.2	91.7	95.0	95.6	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4
GE 300	76.1	83.2	88.2	91.7	95.0	95.6	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7
GE 200	76.1	83.2	88.2	91.7	95.0	95.6	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.7
GE 100	76.1	83.2	88.2	91.7	95.0	95.6	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0
GE 000	76.1	83.2	88.2	91.7	95.0	95.6	98.5	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 339

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.4	38.2	39.7	40.3	40.9	40.9	40.9	41.2	41.2	41.2	41.2	41.2	41.5	41.5	41.5	41.5
GE 20000	40.0	44.7	46.2	46.8	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.9	47.9	47.9	47.9
GE 18000	40.0	44.7	46.2	46.8	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.9	47.9	47.9	47.9
GE 16000	40.0	44.7	46.2	46.8	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.9	47.9	47.9	47.9
GE 14000	40.0	44.7	46.2	46.8	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.9	47.9	47.9	47.9
GE 12000	40.9	45.6	47.1	47.6	48.2	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.8	48.8	48.8	48.8
GE 10000	42.9	47.6	49.1	49.7	50.3	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.9	50.9	50.9	50.9
GE 9000	43.5	48.2	50.0	50.6	51.2	51.2	51.2	51.5	51.5	51.5	51.5	51.5	51.8	51.8	51.8	51.8
GE 8000	45.9	50.6	52.4	52.9	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	54.1	54.1	54.1	54.1
GE 7000	46.8	51.5	53.2	53.8	54.4	54.4	54.4	54.7	54.7	54.7	54.7	54.7	55.0	55.0	55.0	55.0
GE 6000	47.4	52.1	53.8	54.4	55.0	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.6	55.6	55.6	55.6
GE 5000	47.4	52.1	53.8	54.4	55.0	55.0	55.0	55.3	55.3	55.3	55.3	55.3	55.6	55.6	55.6	55.6
GE 4500	48.5	53.2	55.0	55.6	56.2	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.8	56.8	56.8	56.8
GE 4000	48.5	53.2	55.0	55.9	56.5	56.5	56.5	56.8	56.8	56.8	56.8	56.8	57.1	57.1	57.1	57.1
GE 3500	50.0	54.7	56.5	57.4	57.9	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.5
GE 3000	52.4	57.4	59.1	60.0	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.2
GE 2500	52.9	58.2	60.0	60.9	61.8	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.4	62.4	62.4	62.4
GE 2000	55.9	61.8	63.5	64.4	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9
GE 1800	57.1	63.2	65.0	65.9	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.4	67.4	67.4	67.4
GE 1500	59.4	65.9	68.8	70.3	71.8	71.8	72.4	72.6	72.6	72.6	72.6	72.6	72.9	72.9	72.9	72.9
GE 1200	61.8	68.8	71.8	73.5	75.6	75.6	76.2	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8
GE 1000	62.1	69.4	72.6	74.7	76.8	77.1	77.6	77.9	77.9	77.9	77.9	77.9	78.2	78.2	78.2	78.2
GE 900	62.9	71.5	76.5	78.5	80.6	80.9	81.5	82.1	82.1	82.1	82.1	82.1	82.4	82.4	82.4	82.4
GE 800	64.4	72.9	78.2	80.3	82.4	82.9	83.5	84.1	84.1	84.1	84.1	84.1	84.4	84.4	84.4	84.4
GE 700	65.3	75.0	80.6	83.2	85.3	85.9	86.5	87.1	87.1	87.1	87.1	87.1	87.4	87.4	87.4	87.4
GE 600	65.6	76.2	81.8	85.3	88.2	89.1	90.6	91.2	91.2	92.1	92.1	92.1	92.4	92.4	92.4	92.4
GE 500	65.6	76.2	82.4	86.2	90.0	91.2	93.2	93.8	93.8	95.0	95.0	95.0	95.3	95.3	95.3	95.3
GE 400	65.6	76.2	82.6	86.5	90.6	91.8	94.1	95.0	95.0	96.2	96.2	96.2	96.5	96.5	96.5	96.5
GE 300	65.6	76.2	82.6	86.5	90.6	91.8	94.4	95.6	95.6	97.4	97.4	97.4	97.9	97.9	97.9	97.9
GE 200	65.6	76.2	82.6	86.5	90.6	91.8	94.4	95.6	95.6	97.6	97.6	97.9	98.5	98.5	98.8	98.8
GE 100	65.6	76.2	82.6	86.5	90.9	92.1	94.7	95.9	95.9	97.9	97.9	98.2	98.8	98.8	99.4	100.0
GE 000	65.6	76.2	82.6	86.5	90.9	92.1	94.7	95.9	95.9	97.9	97.9	98.2	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 340

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 06-00

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.7	37.0	39.8	41.2	41.8	41.8	42.0	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.5	42.5
GE 20000	36.4	41.8	45.1	46.8	47.3	47.3	47.7	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.2	48.2
GE 18000	36.5	41.9	45.2	46.9	47.5	47.5	47.8	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3
GE 16000	36.5	41.9	45.2	46.9	47.5	47.5	47.8	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3
GE 14000	36.7	42.3	45.8	47.5	48.1	48.1	48.4	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.9	48.9
GE 12000	37.3	42.9	46.4	48.1	48.6	48.6	49.0	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.5	49.5
GE 10000	38.3	44.2	47.7	49.4	49.9	49.9	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.8	50.8
GE 9000	38.4	44.3	47.8	49.5	50.1	50.1	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.9	50.9
GE 8000	40.9	47.0	50.6	52.3	52.9	52.9	53.2	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.7	53.7
GE 7000	41.2	47.6	51.2	52.9	53.5	53.5	53.8	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.3	54.3
GE 6000	41.6	48.3	51.9	53.6	54.2	54.2	54.5	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0
GE 5000	43.7	51.1	55.1	56.9	57.5	57.5	57.8	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3
GE 4500	45.0	52.5	56.5	58.3	58.9	58.9	59.2	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7	59.7
GE 4000	46.5	54.2	58.4	60.3	61.0	61.0	61.4	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8
GE 3500	47.8	55.5	59.8	61.7	62.4	62.4	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.3	63.3
GE 3000	49.5	57.4	61.8	63.8	64.5	64.5	64.9	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 2500	51.1	59.0	63.7	65.8	66.5	66.7	67.0	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 2000	53.5	61.7	66.5	68.8	69.5	69.6	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.6	70.6
GE 1800	54.4	63.3	68.1	70.6	71.5	71.6	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6
GE 1500	56.4	66.3	72.1	74.9	76.1	76.2	77.1	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6
GE 1200	57.4	67.6	73.7	76.7	78.0	78.1	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6
GE 1000	58.9	69.5	75.9	78.9	80.2	80.3	81.5	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.2	82.2
GE 900	60.3	71.3	77.9	81.0	82.8	82.9	84.2	84.6	84.6	84.9	84.9	84.9	85.0	85.0	85.2	85.2
GE 800	60.9	72.1	79.0	82.4	84.2	84.3	85.9	86.2	86.2	86.6	86.6	86.6	86.7	86.7	86.8	86.8
GE 700	61.1	72.7	79.7	83.2	84.9	85.0	86.7	87.0	87.0	87.5	87.5	87.5	87.6	87.6	87.8	87.8
GE 600	61.4	73.1	80.4	84.2	86.5	86.7	89.4	89.8	89.9	90.5	90.5	90.5	90.6	90.6	90.7	90.7
GE 500	62.0	74.1	81.7	86.1	89.2	89.4	92.1	92.6	92.8	93.6	93.6	93.6	93.8	93.8	93.9	93.9
GE 400	62.1	74.2	81.9	86.3	89.5	89.8	92.8	93.9	94.3	95.5	95.5	95.5	95.6	95.6	95.8	95.8
GE 300	62.1	74.2	81.9	86.3	90.1	90.3	93.8	95.3	95.8	96.9	97.2	97.2	97.3	97.3	97.4	97.4
GE 200	62.1	74.2	81.9	86.3	90.1	90.3	93.8	95.5	96.0	97.4	98.0	98.0	98.9	99.1	99.3	99.3
GE 100	62.1	74.2	81.9	86.3	90.1	90.3	93.8	95.5	96.0	97.4	98.0	98.0	98.9	99.1	99.3	99.5
GE 000	62.1	74.2	81.9	86.3	90.1	90.3	93.8	95.5	96.0	97.4	98.0	98.0	98.9	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.6	40.9	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	44.4	48.4	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 18000	45.0	49.0	50.1	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	45.0	49.0	50.1	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 14000	45.1	49.4	50.4	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 12000	46.4	50.6	51.7	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 10000	48.3	52.5	53.6	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 9000	48.6	52.9	53.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	50.8	55.0	56.1	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 7000	51.4	55.6	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	51.8	56.2	57.2	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 5000	53.4	58.2	59.2	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	54.5	59.5	60.7	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 4000	55.2	60.7	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 3500	55.7	61.6	62.9	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 3000	57.4	63.4	64.7	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 2500	59.1	6.5	66.9	67.7	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 2000	61.1	67.6	69.1	70.0	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 1800	61.8	68.8	70.3	71.1	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 1500	64.7	72.4	74.3	75.7	76.3	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 1200	66.9	75.7	78.2	80.0	80.8	80.9	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 1000	68.3	77.7	80.4	82.3	83.4	83.6	84.0	84.2	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5
GE 900	69.1	79.0	82.3	84.3	85.4	85.6	86.3	86.7	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	69.7	79.6	83.5	86.0	87.2	87.4	88.2	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	69.7	79.9	84.2	87.0	88.2	88.7	89.6	90.3	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
GE 600	70.2	81.0	85.5	88.9	90.8	91.3	92.5	93.2	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	70.3	81.3	85.7	89.3	91.4	91.9	93.5	94.3	94.7	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 400	70.3	81.3	86.0	89.6	91.8	92.2	94.1	94.9	95.4	96.0	96.2	96.2	96.2	96.3	96.3	96.3
GE 300	70.3	81.3	86.0	89.8	92.2	92.7	94.9	96.2	96.8	97.8	98.2	98.4	98.6	98.8	98.9	98.9
GE 200	70.3	81.3	86.0	89.8	92.2	92.7	94.9	96.2	96.8	98.0	98.6	98.7	99.2	99.5	99.6	99.8
GE 100	70.3	81.3	86.0	89.8	92.2	92.7	94.9	96.2	96.8	98.0	98.6	98.7	99.2	99.5	99.6	100.0
GE 000	70.3	81.3	86.0	89.8	92.2	92.7	94.9	96.2	96.8	98.0	98.6	98.7	99.2	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 AUG 89  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	51.2	52.1	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 18000	52.5	53.4	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 16000	52.5	53.4	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 14000	53.0	53.9	54.1	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 12000	53.8	54.8	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 10000	57.2	58.2	58.3	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 9000	57.6	58.7	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 8000	60.2	61.2	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	60.3	61.4	61.7	61.8	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 6000	61.0	62.4	62.8	62.9	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 5000	61.6	63.3	63.6	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4500	62.5	64.2	64.5	64.9	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4000	63.5	65.1	65.6	66.2	66.5	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 3500	64.4	66.2	66.7	67.3	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 3000	67.8	69.6	70.2	70.8	71.5	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 2500	71.8	73.7	74.3	74.9	75.6	75.6	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2000	74.6	76.9	77.5	78.2	78.9	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1800	76.0	78.6	79.2	80.0	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1500	77.5	80.7	81.4	82.3	83.0	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	79.4	82.9	84.1	85.3	86.1	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	80.2	84.0	85.3	86.6	87.8	87.9	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	80.9	84.8	87.0	88.7	90.3	90.5	91.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 800	81.2	85.2	87.8	89.6	91.5	91.6	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	81.7	85.9	89.2	91.4	93.4	93.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	82.1	86.5	90.0	92.6	94.6	94.7	96.2	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	82.1	86.7	90.8	93.5	95.9	96.0	97.9	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	82.1	86.7	90.8	93.5	96.1	96.2	98.1	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5
GE 300	82.1	86.7	90.8	93.5	96.2	96.3	98.5	99.2	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	82.1	86.7	90.8	93.5	96.2	96.3	98.5	99.2	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	82.1	86.7	90.8	93.5	96.2	96.3	98.5	99.2	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	82.1	86.7	90.8	93.5	96.2	96.3	98.5	99.2	99.4	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 20000	52.9	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 18000	53.5	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 16000	53.5	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	54.1	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	56.1	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000	58.8	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	59.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	61.2	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 7000	62.7	64.2	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	63.6	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 5000	64.6	66.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	65.1	66.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	66.6	68.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 3500	68.1	70.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 3000	71.4	73.8	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 2500	74.7	77.7	78.9	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	76.6	80.5	81.7	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	77.1	81.3	82.5	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	78.6	84.1	85.6	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	79.5	86.2	87.7	88.8	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	79.7	87.6	89.6	91.4	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	79.9	87.8	90.4	92.4	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	80.0	88.2	90.9	93.0	94.5	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	80.4	88.7	91.4	93.5	95.0	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	80.6	89.5	92.4	94.6	96.1	96.7	96.9	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	80.6	89.7	93.0	95.3	96.9	97.5	97.9	98.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	80.6	89.8	93.2	95.5	97.3	97.9	98.2	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	80.6	89.8	93.2	95.5	97.4	98.0	98.5	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	80.6	89.8	93.2	95.5	97.4	98.0	98.5	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	80.6	89.8	93.2	95.5	97.4	98.0	98.5	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	80.6	89.8	93.2	95.5	97.4	98.0	98.5	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	55.5	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	55.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	55.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	55.8	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	56.9	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	60.3	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	60.5	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	63.3	64.9	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 7000	63.8	65.5	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000	64.1	65.8	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 5000	64.8	66.5	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4500	65.7	67.6	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	66.9	68.8	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 3500	68.1	70.3	72.2	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3000	70.8	73.4	75.3	75.6	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	74.1	77.2	79.2	79.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2000	75.6	80.1	82.2	83.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	76.3	80.9	83.2	84.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	76.9	82.1	84.6	85.9	87.0	87.0	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4
GE 1200	77.8	83.5	86.1	87.5	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1000	79.1	85.3	88.1	89.9	91.2	91.3	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	79.8	86.0	89.2	91.5	93.0	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	80.2	86.4	89.9	92.5	94.3	94.4	94.8	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	80.2	86.6	90.4	93.1	95.3	95.4	95.8	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	80.2	86.7	90.7	93.6	95.8	96.0	96.4	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	80.2	86.7	91.1	94.2	96.7	96.8	97.3	97.4	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 400	80.2	87.1	91.5	94.5	97.6	97.7	98.2	98.7	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	80.2	87.1	91.5	94.5	97.6	98.0	98.5	99.1	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	80.2	87.1	91.5	94.5	97.6	98.0	98.5	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	80.2	87.1	91.5	94.5	97.6	98.0	98.5	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	80.2	87.1	91.5	94.5	97.6	98.0	98.5	99.1	99.4	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 343

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	52.4	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	55.6	57.2	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	55.6	57.2	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	55.6	57.2	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	55.8	57.3	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 12000	56.5	58.0	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	59.7	61.2	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 9000	59.8	61.3	61.8	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 8000	62.2	63.8	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 7000	62.6	64.3	65.0	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 6000	63.2	64.9	65.6	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 5000	63.8	65.5	66.2	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 4500	64.9	66.9	67.6	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	66.1	68.3	69.0	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3500	68.0	70.3	71.5	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 3000	72.2	74.7	76.7	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	73.9	76.4	78.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000	75.1	77.7	79.7	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	76.2	78.8	80.8	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	77.5	80.5	82.7	84.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	78.4	81.7	84.3	86.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1000	79.0	82.8	85.8	88.4	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 900	80.2	84.0	87.2	89.8	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	80.3	84.6	87.8	90.6	93.2	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	81.1	85.8	89.0	92.2	95.0	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	81.1	85.8	89.0	92.2	95.4	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	81.1	85.9	89.1	92.6	96.6	97.0	97.9	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 400	81.1	85.9	89.1	92.6	96.7	97.3	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5
GE 300	81.1	85.9	89.2	92.8	97.0	97.7	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	81.1	85.9	89.2	92.8	97.0	97.7	98.8	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.9
GE 100	81.1	85.9	89.2	92.8	97.0	97.7	98.8	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.9
GE 000	81.1	85.9	89.2	92.8	97.0	97.7	98.8	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 843



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	44.2	45.0	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7
GE 20000	48.5	51.0	51.9	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 18000	48.9	51.4	52.3	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1
GE 16000	48.9	51.4	52.3	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1
GE 14000	49.1	51.7	52.6	53.0	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 12000	50.2	52.8	53.7	54.1	54.3	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 10000	52.7	55.4	56.3	56.7	56.9	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 9000	53.0	55.7	56.7	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5
GE 8000	55.5	58.3	59.4	59.9	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 7000	56.0	59.0	60.1	60.6	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	56.6	59.7	60.8	61.3	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 5000	57.6	60.9	62.1	62.7	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2
GE 4500	58.6	62.0	63.3	63.9	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	59.6	63.2	64.7	65.3	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 3500	61.0	64.7	66.4	67.1	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 3000	63.8	67.8	69.6	70.4	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1
GE 2500	66.3	70.4	72.4	73.3	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2
GE 2000	68.4	73.1	75.2	76.2	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 1800	69.3	74.3	76.4	77.6	78.3	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
GE 1500	71.0	76.7	79.2	80.8	81.7	81.8	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1200	72.5	78.8	81.6	83.3	84.5	84.5	84.9	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	73.4	80.2	83.3	85.4	86.7	86.8	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	74.3	81.3	84.9	87.2	88.8	89.0	89.6	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 800	74.7	82.0	85.9	88.5	90.2	90.4	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
GE 700	75.1	82.7	86.9	89.6	91.5	91.8	92.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	75.3	83.3	87.6	90.6	92.9	93.2	94.4	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 500	75.4	83.5	88.2	91.5	94.2	94.6	96.0	96.5	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 400	75.4	83.6	88.3	91.7	94.6	95.0	96.6	97.2	97.5	98.0	98.0	98.0	98.1	98.1	98.1	98.2
GE 300	75.4	83.6	88.3	91.7	94.8	95.3	97.0	97.9	98.2	98.8	98.9	99.0	99.1	99.1	99.2	99.2
GE 200	75.4	83.6	88.3	91.7	94.8	95.3	97.1	98.0	98.2	99.0	99.2	99.2	99.5	99.6	99.7	99.8
GE 100	75.4	83.6	88.3	91.7	94.8	95.3	97.1	98.0	98.3	99.0	99.2	99.2	99.5	99.6	99.7	99.9
GE 000	75.4	83.6	88.3	91.7	94.8	95.3	97.1	98.0	98.3	99.0	99.2	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CELL	55.6	57.5	58.6	58.6	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	61.8	63.7	64.8	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	61.8	63.7	64.8	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	61.8	63.7	64.8	64.8	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	62.1	64.0	65.1	65.1	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 12000	62.4	64.2	65.3	65.3	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 10000	64.5	66.4	67.5	67.5	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 9000	64.5	66.4	67.5	67.5	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 8000	66.1	68.0	69.1	69.1	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 7000	66.4	68.5	69.6	69.6	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	66.7	68.8	69.9	69.9	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	67.5	69.6	70.7	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	68.5	70.7	71.8	71.8	72.0	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4000	69.6	71.8	73.1	73.4	73.7	73.7	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	70.7	72.8	74.5	74.7	75.0	75.0	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	71.5	73.7	75.3	75.5	75.8	75.8	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	72.3	74.5	76.1	76.3	76.6	76.6	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2000	74.7	77.2	78.8	79.0	79.3	79.3	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1800	75.3	78.0	80.1	80.4	80.6	80.6	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1500	78.8	82.3	85.2	85.5	86.0	86.0	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1200	80.1	84.4	87.4	87.6	88.2	88.2	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	81.2	86.3	89.2	90.1	90.6	90.6	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	81.2	86.8	90.6	91.7	92.7	92.7	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	81.5	87.1	91.1	92.5	93.8	93.8	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 700	82.0	87.9	91.9	93.5	94.9	94.9	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	82.5	88.4	92.5	94.9	96.2	96.2	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	82.5	89.0	93.0	95.4	96.8	96.8	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	82.5	89.0	93.0	95.4	97.6	97.6	97.8	97.8	97.8	98.1	98.1	98.1	98.4	98.4	98.4	98.4
GE 300	82.5	89.2	93.5	96.0	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 200	82.5	89.2	93.5	96.0	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 100	82.5	89.2	93.5	96.0	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	99.2	99.2	99.5	99.7
GE 000	82.5	89.2	93.5	96.0	98.1	98.1	98.4	98.4	98.4	98.7	98.7	98.7	99.2	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	49.7	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.5	53.8	53.8	54.0
GE 20000	49.2	53.8	56.7	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.8	57.8	58.1
GE 18000	49.2	53.8	56.7	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.8	57.8	58.1
GE 16000	49.2	53.8	56.7	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.8	57.8	58.1
GE 14000	49.7	54.3	57.3	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.1	58.3	58.3	58.6
GE 12000	50.0	54.6	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.6	58.6	58.9
GE 10000	51.6	56.7	59.7	59.9	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.8	61.0	61.0	61.3
GE 9000	51.9	57.0	59.9	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	61.0	61.3	61.3	61.6
GE 8000	54.0	59.4	62.6	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7	64.2	64.2	64.5
GE 7000	54.0	59.4	62.6	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7	64.2	64.2	64.5
GE 6000	54.0	59.4	62.6	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.7	64.2	64.2	64.5
GE 5000	55.4	60.8	64.0	64.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1	65.6	65.6	65.9
GE 4500	55.6	61.0	64.2	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.9	65.9	66.1
GE 4000	56.2	61.8	65.1	65.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.7	66.7	66.9
GE 3500	57.0	62.6	65.9	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	67.5	67.5	67.7
GE 3000	58.1	63.7	66.9	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	68.0	68.5	68.5	68.8
GE 2500	61.0	66.7	69.9	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.2	71.8	71.8	72.0
GE 2000	63.4	69.4	72.8	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.2	74.7	74.7	75.0
GE 1800	64.5	71.0	74.5	75.0	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.1	76.6	76.6	76.9
GE 1500	67.2	73.7	77.2	77.7	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.6	79.6	79.8
GE 1200	69.9	76.3	79.8	80.4	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.3	82.8	82.8	83.1
GE 1000	72.6	80.6	84.9	85.8	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.7	88.7	89.0
GE 900	73.7	82.0	86.3	88.4	90.6	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.4	91.9	91.9	92.2
GE 800	74.2	82.8	87.4	89.8	91.9	92.2	92.5	92.5	92.7	92.7	92.7	92.7	93.0	93.5	93.5	93.8
GE 700	74.7	83.3	87.9	90.3	92.7	93.0	93.3	93.3	93.5	93.5	93.5	93.5	93.8	94.4	94.4	94.6
GE 600	75.3	83.9	88.4	91.7	94.1	94.4	94.6	94.6	94.9	94.9	94.9	94.9	95.2	95.7	95.7	96.0
GE 500	75.3	83.9	88.4	91.7	94.4	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.4	96.0	96.0	96.2
GE 400	75.5	84.1	88.7	92.2	94.9	95.2	95.4	95.4	95.7	95.7	95.7	95.7	96.0	96.5	96.5	96.8
GE 300	75.8	84.4	89.2	92.7	96.0	96.2	96.5	96.5	96.8	96.8	96.8	96.8	97.0	97.6	97.6	97.8
GE 200	75.8	84.4	89.2	92.7	96.0	96.2	96.5	96.5	96.8	96.8	96.8	96.8	97.0	97.6	97.6	98.1
GE 100	75.8	84.4	89.2	92.7	96.0	96.2	96.5	96.5	96.8	96.8	96.8	96.8	97.0	97.6	97.8	98.9
GE 000	75.8	84.4	89.2	92.7	96.0	96.2	96.5	96.5	96.8	96.8	96.8	96.8	97.0	97.6	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.1	38.0	41.1	42.0	43.7	44.0	44.1	44.2	44.3	44.3	44.4	44.4	44.9	44.9	44.9	45.2
GE 20000	34.0	42.4	46.2	47.6	49.5	49.8	49.9	50.0	50.1	50.1	50.2	50.2	50.8	50.8	50.8	51.0
GE 18000	34.6	43.0	46.9	48.3	50.1	50.4	50.5	50.6	50.8	50.8	50.9	50.9	51.4	51.4	51.4	51.6
GE 16000	34.6	43.0	46.9	48.3	50.1	50.4	50.5	50.6	50.8	50.8	50.9	50.9	51.4	51.4	51.4	51.6
GE 14000	35.6	44.2	48.2	49.6	51.4	51.7	51.8	51.9	52.0	52.0	52.2	52.2	52.7	52.7	52.7	52.9
GE 12000	36.1	44.8	48.8	50.3	52.2	52.5	52.6	52.7	52.8	52.8	52.9	52.9	53.4	53.4	53.4	53.7
GE 10000	37.8	46.6	50.5	52.3	54.1	54.4	54.5	54.6	54.7	54.7	54.8	54.8	55.4	55.4	55.4	55.6
GE 9000	38.2	46.9	51.1	52.8	54.6	54.9	55.1	55.2	55.3	55.3	55.4	55.4	55.9	55.9	55.9	56.1
GE 8000	40.0	48.8	53.0	54.8	56.7	57.0	57.1	57.2	57.3	57.3	57.4	57.4	58.0	58.0	58.0	58.2
GE 7000	40.2	49.7	54.0	55.8	57.6	58.0	58.1	58.2	58.3	58.3	58.4	58.4	58.9	58.9	58.9	59.1
GE 6000	40.8	50.3	54.6	56.5	58.4	58.7	58.8	58.9	59.0	59.0	59.1	59.1	59.7	59.7	59.7	59.9
GE 5000	42.0	52.5	57.0	59.4	61.4	61.7	61.8	61.9	62.0	62.0	62.2	62.2	62.7	62.7	62.7	62.9
GE 4500	42.6	53.2	57.7	60.3	62.6	62.9	63.0	63.1	63.2	63.2	63.3	63.3	63.9	63.9	63.9	64.1
GE 4000	43.7	54.5	59.4	62.0	64.4	64.7	64.8	64.9	65.1	65.1	65.2	65.2	65.7	65.7	65.7	65.9
GE 3500	44.9	56.0	60.9	63.7	66.1	66.5	66.6	66.7	66.8	66.8	66.9	66.9	67.4	67.4	67.4	67.6
GE 3000	45.9	57.2	62.2	65.1	67.5	67.8	68.0	68.1	68.2	68.2	68.3	68.3	68.8	68.8	68.8	69.0
GE 2500	48.9	60.8	65.8	68.7	71.2	71.5	71.7	71.8	71.9	71.9	72.0	72.0	72.6	72.6	72.6	72.8
GE 2000	50.8	63.1	68.4	71.5	74.0	74.3	74.5	74.6	74.7	74.7	74.8	74.8	75.4	75.4	75.4	75.6
GE 1800	51.6	64.2	69.8	72.9	75.6	76.0	76.2	76.3	76.5	76.5	76.6	76.6	77.1	77.1	77.1	77.3
GE 1500	56.3	69.5	75.5	78.8	81.8	82.3	82.7	83.2	83.3	83.3	83.4	83.4	84.0	84.0	84.0	84.2
GE 1200	57.8	71.5	77.6	81.3	84.3	84.7	85.3	85.8	85.9	85.9	86.0	86.0	86.6	86.6	86.6	86.8
GE 1000	58.5	73.5	79.8	83.5	86.6	87.0	88.0	88.5	88.6	88.6	88.7	88.8	89.5	89.5	89.5	89.7
GE 900	59.4	74.8	81.2	85.1	88.2	88.6	89.7	90.2	90.3	90.3	90.4	90.5	91.2	91.2	91.2	91.4
GE 800	59.8	75.3	81.7	85.9	89.0	89.5	90.6	91.2	91.3	91.3	91.4	91.5	92.2	92.2	92.2	92.4
GE 700	60.1	75.8	82.6	86.8	90.0	90.4	91.6	92.2	92.3	92.3	92.4	92.5	93.1	93.1	93.1	93.3
GE 600	60.5	76.3	83.3	88.2	92.0	92.6	94.0	94.5	94.6	94.6	94.7	94.8	95.5	95.5	95.5	95.7
GE 500	60.8	76.7	83.9	88.8	92.7	93.2	94.6	95.2	95.3	95.3	95.4	95.5	96.1	96.1	96.1	96.3
GE 400	61.1	77.1	84.3	89.2	93.1	93.7	95.3	95.9	96.0	96.1	96.2	96.3	97.0	97.0	97.0	97.2
GE 300	61.1	77.1	84.3	89.4	93.2	93.8	95.4	96.0	96.1	96.2	96.5	96.6	97.5	97.6	97.6	98.0
GE 200	61.1	77.1	84.3	89.4	93.2	93.8	95.4	96.0	96.1	96.3	96.6	96.8	98.1	98.3	98.3	98.9
GE 100	61.1	77.1	84.3	89.4	93.2	93.8	95.4	96.0	96.1	96.3	96.6	96.8	98.1	98.3	98.3	99.5
GE 000	61.1	77.1	84.3	89.4	93.2	93.8	95.4	96.0	96.1	96.3	96.6	96.8	98.1	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.8	47.2	48.4	48.7	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	49.8	53.8	55.1	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	50.1	54.1	55.4	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 16000	50.2	54.2	55.5	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	50.6	54.6	55.9	56.3	56.3	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	52.0	56.0	57.3	57.7	57.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	54.0	58.1	59.4	59.8	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	54.1	58.2	59.5	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 8000	55.5	59.7	61.0	61.5	61.5	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	55.8	60.0	61.3	61.9	62.0	62.0	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 6000	56.7	61.2	62.5	63.1	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 5000	57.8	62.7	64.2	64.8	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	58.7	63.5	65.1	65.7	65.9	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 4000	59.5	64.5	66.1	66.9	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	60.9	66.2	68.1	69.1	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	62.8	68.4	70.2	71.3	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2500	65.7	71.4	73.2	74.3	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2000	69.2	75.5	77.4	78.6	79.2	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 1800	70.5	76.9	78.8	80.0	80.8	8.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	74.9	82.2	84.2	85.4	86.5	86.5	86.5	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	76.6	84.9	87.4	88.8	90.1	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1000	77.8	86.7	88.6	91.2	92.6	92.6	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	78.6	87.6	90.6	92.4	93.8	93.8	94.0	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 800	78.7	88.1	91.2	93.1	94.6	94.7	94.9	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 700	79.0	88.7	92.0	94.1	95.6	95.7	95.9	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	79.0	88.7	92.0	94.2	96.3	96.5	96.7	97.5	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	79.0	88.7	92.2	94.3	96.9	97.0	97.4	98.3	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	79.0	88.7	92.2	94.3	96.9	97.0	97.4	98.3	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	79.0	88.7	92.2	94.3	97.1	97.2	97.6	98.5	98.8	99.4	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	79.0	88.7	92.2	94.3	97.1	97.2	97.6	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	79.0	88.7	92.2	94.3	97.1	97.2	97.6	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	79.0	88.7	92.2	94.3	97.1	97.2	97.6	98.5	98.8	99.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SE 79 - AUG 89  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GF 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.0	48.4	48.6	48.6	48.6	48.6	48.6	48.6	43.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	55.8	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	56.3	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	56.7	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	57.1	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	58.4	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 10000	61.2	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	61.4	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 8000	63.7	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	64.6	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 6000	65.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 5000	66.8	69.0	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 4500	67.4	69.9	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	70.1	72.6	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 3500	72.9	75.6	75.9	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	76.7	79.6	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2500	80.3	83.3	83.8	84.1	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	83.5	87.1	87.5	88.2	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	84.7	88.4	88.8	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	86.8	91.2	91.6	92.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	87.3	92.2	92.6	93.4	93.8	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	87.7	92.8	93.4	94.4	94.7	94.7	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	87.8	93.0	93.8	94.7	95.1	95.1	95.5	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	88.1	93.8	94.5	95.7	96.3	96.3	96.8	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	88.3	94.2	94.9	96.2	97.0	97.0	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	88.4	94.3	95.2	96.7	97.5	97.5	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	88.6	94.5	95.5	97.2	98.1	98.2	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	88.6	94.5	95.5	97.2	98.2	98.3	99.1	99.2	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	88.6	94.5	95.5	97.2	98.3	98.4	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	88.6	94.5	95.5	97.2	98.3	98.4	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	88.6	94.5	95.5	97.2	98.3	98.4	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	88.6	94.5	95.5	97.2	98.3	98.4	99.4	99.5	99.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 AUG 89  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.0	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	60.6	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 18000	61.0	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 16000	61.5	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 14000	62.2	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	63.8	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 10000	67.5	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 9000	68.0	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	69.7	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	70.2	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	70.3	71.7	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 5000	71.5	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	72.6	74.5	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	75.5	77.7	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	78.2	80.5	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	80.6	83.2	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	82.6	86.0	86.7	86.8	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	85.3	88.9	89.8	90.1	90.2	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	85.7	89.5	90.3	90.6	90.8	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	86.9	91.0	91.9	92.3	92.4	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	98.0	92.2	93.1	93.4	93.7	93.9	94.1	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4
GE 1000	88.4	92.8	93.5	94.3	94.8	95.1	95.3	95.3	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7
GE 900	88.8	93.2	94.3	94.8	95.4	95.6	95.9	95.9	96.1	96.3	96.5	96.6	96.6	96.6	96.6	96.6
GE 800	89.1	93.5	94.6	95.3	96.1	96.3	96.7	96.7	96.9	97.1	97.2	97.5	97.5	97.5	97.5	97.5
GE 700	89.2	93.8	95.1	95.8	96.7	96.9	97.2	97.2	97.4	97.7	97.8	98.2	98.2	98.2	98.2	98.2
GE 600	89.4	94.0	95.4	96.7	97.5	97.7	98.1	98.4	98.6	98.9	99.1	99.5	99.5	99.5	99.5	99.5
GE 500	89.5	94.1	95.6	97.0	97.8	98.1	98.4	98.7	98.9	99.2	99.5	99.8	99.8	99.8	99.8	99.8
GE 400	89.5	94.1	95.7	97.1	98.0	98.2	98.6	98.9	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	89.5	94.1	95.7	97.1	98.0	98.2	98.6	98.9	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	89.5	94.1	95.7	97.1	98.0	98.2	98.6	98.9	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	89.5	94.1	95.7	97.1	98.0	98.2	98.6	98.9	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	89.5	94.1	95.7	97.1	98.0	98.2	98.6	98.9	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
JSAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8
GE 20000	65.8	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
GE 18000	65.8	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
GE 16000	65.8	66.7	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
GE 14000	66.6	67.4	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0
GE 12000	68.5	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9
GE 10000	71.6	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1
GE 9000	71.6	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1
GE 8000	72.5	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1
GE 7000	73.2	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8
GE 6000	73.2	74.1	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8
GE 5000	74.6	75.5	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2
GE 4500	76.4	77.7	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5
GE 4000	78.6	80.1	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5
GE 3500	79.8	81.4	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
GE 3000	81.9	83.7	84.3	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3
GE 2500	83.0	84.7	85.9	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9
GE 2000	84.7	86.5	87.9	89.1	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7
GE 1800	84.7	86.6	88.1	89.3	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9
GE 1500	86.6	88.5	90.2	91.6	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.5	92.6	92.7	92.7	92.7
GE 1200	87.9	89.8	91.8	93.3	93.9	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.5	94.6	94.6	94.6
GE 1000	88.3	90.5	92.7	94.3	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.5	95.6	95.7	95.7	95.7
GE 900	88.5	90.7	93.2	94.8	95.7	95.9	96.1	96.1	96.1	96.2	96.4	96.5	96.6	96.8	96.8	96.8
GE 800	89.2	91.3	93.9	95.6	96.6	96.9	97.3	97.3	97.3	97.4	97.6	97.7	97.8	97.9	97.9	97.9
GE 700	89.2	91.3	94.0	95.8	96.9	97.1	97.6	97.6	97.7	98.1	98.2	98.3	98.4	98.4	98.4	98.4
GE 600	89.4	91.8	94.6	96.3	97.8	98.1	99.0	99.1	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0
GE 500	89.4	91.8	94.6	96.3	97.8	98.1	99.0	99.1	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0
GE 400	89.4	91.8	94.6	96.3	97.8	98.1	99.0	99.1	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0
GE 300	89.4	91.8	94.6	96.3	97.8	98.1	99.0	99.1	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0
GE 200	89.4	91.8	94.6	96.3	97.8	98.1	99.0	99.1	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0
GE 100	89.4	91.8	94.6	96.3	97.8	98.1	99.0	99.1	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0
GE 000	89.4	91.8	94.6	96.3	97.8	98.1	99.0	99.1	99.1	99.4	99.7	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.5	60.7	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	64.8	66.1	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	64.8	66.1	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	64.8	66.1	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	64.9	66.2	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	67.0	68.2	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	68.8	70.0	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	68.9	70.1	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 8000	70.5	71.8	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	70.7	72.2	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.6	73.6
GE 6000	70.7	72.2	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.6	73.6
GE 000	72.8	74.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	76.1	76.1
GE 4500	74.2	75.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.6	77.6
GE 4000	75.5	77.0	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.9	78.9
GE 3500	76.9	78.7	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.9	80.9
GE 3000	78.9	80.9	82.1	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.8	83.1	83.1
GE 2500	80.4	82.4	83.8	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.7	84.7	84.7	84.7	85.0	85.0
GE 2000	82.2	84.2	85.6	86.1	86.5	86.5	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	87.1	87.1
GE 1800	82.9	84.9	86.2	86.8	87.1	87.1	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.8	87.8
GE 1500	84.5	86.7	88.4	89.1	89.8	89.8	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.6	90.6
GE 1200	85.8	88.4	90.1	91.0	92.0	92.0	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	93.2	93.2
GE 1000	86.2	89.1	91.3	92.2	93.5	93.7	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.8	94.8
GE 900	86.9	89.8	92.0	92.9	94.4	94.6	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7	96.1	96.1
GE 800	87.8	90.9	93.2	94.1	95.5	95.7	96.5	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.4	97.4
GE 700	88.1	91.4	93.8	94.7	96.3	96.5	97.4	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.7	98.7
GE 600	88.4	91.6	94.2	95.1	96.8	97.1	98.0	98.3	98.8	98.8	98.9	98.9	98.9	98.9	99.2	99.2
GE 500	88.4	91.6	94.2	95.1	96.8	97.2	98.1	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.4	99.4
GE 400	88.4	91.6	94.2	95.1	96.8	97.2	98.2	98.7	99.2	99.2	99.3	99.3	99.3	99.3	99.7	99.7
GE 300	88.4	91.6	94.2	95.1	96.8	97.2	98.2	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.8	99.8
GE 200	88.4	91.6	94.2	95.1	96.8	97.2	98.2	98.7	99.2	99.3	99.4	99.4	99.4	99.6	99.9	99.9
GE 100	88.4	91.6	94.2	95.1	96.8	97.2	98.2	98.7	99.2	99.3	99.4	99.4	99.6	99.6	99.9	99.9
GE 000	88.4	91.6	94.2	95.1	96.8	97.2	98.2	98.7	99.2	99.3	99.4	99.4	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	50.4	51.4	51.7	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.3
GE 20000	55.1	58.0	59.1	59.5	59.8	59.8	59.9	59.9	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1
GE 18000	55.4	58.2	59.4	59.8	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.3	60.4	60.4	60.4
GE 16000	55.5	58.4	59.5	59.9	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5
GE 14000	56.1	58.9	60.1	60.5	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1
GE 12000	57.4	60.3	61.5	61.8	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.5
GE 10000	59.8	62.8	64.0	64.4	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.1
GE 9000	60.0	63.0	64.2	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2	65.3	65.3	65.3	65.3
GE 8000	61.7	64.8	66.1	66.5	66.9	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.3
GE 7000	62.1	65.5	66.8	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.9	67.9	68.0	68.0
GE 6000	62.4	65.9	67.2	67.6	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.4
GE 5000	63.9	67.5	68.9	69.5	69.8	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.3
GE 4500	64.9	68.7	70.1	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.4	71.4	71.5	71.5	71.6	71.6
GE 4000	66.6	70.5	72.1	72.9	73.4	73.4	73.5	73.5	73.6	73.6	73.6	73.6	73.7	73.7	73.8	73.8
GE 3500	68.3	72.4	74.0	74.9	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.9
GE 3000	70.3	74.6	76.3	77.2	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.2	78.2
GE 2500	72.6	77.2	79.0	79.9	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.0	81.0
GE 2000	75.1	80.0	81.9	83.0	83.7	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.3
GE 1800	75.8	80.8	82.9	84.0	84.7	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.4
GE 1500	78.6	84.0	86.3	87.4	88.4	88.5	88.7	88.9	88.9	88.9	89.0	89.0	89.1	89.1	89.2	89.2
GE 1200	79.9	85.8	88.2	89.5	90.5	90.7	91.0	91.1	91.1	91.2	91.2	91.3	91.4	91.4	91.5	91.5
GE 1000	80.6	87.1	89.7	91.2	92.4	92.6	93.0	93.1	93.2	93.2	93.3	93.3	93.5	93.5	93.6	93.6
GE 900	81.1	87.7	90.6	92.2	93.5	93.7	94.1	94.3	94.4	94.5	94.6	94.6	94.8	94.8	94.8	94.9
GE 800	81.6	88.3	91.2	93.0	94.5	94.7	95.2	95.4	95.5	95.6	95.7	95.8	95.9	95.9	96.0	96.0
GE 700	81.8	88.8	91.8	93.7	95.2	95.4	96.0	96.2	96.3	96.5	96.6	96.6	96.8	96.8	96.8	96.9
GE 600	82.0	89.0	92.2	94.4	96.2	96.4	97.1	97.5	97.7	97.8	97.9	98.0	98.2	98.2	98.2	98.3
GE 500	82.1	89.2	92.4	94.6	96.5	96.8	97.5	97.9	98.1	98.3	98.4	98.5	98.6	98.7	98.7	98.8
GE 400	82.2	89.3	92.5	94.7	96.7	97.0	97.8	98.2	98.4	98.6	98.7	98.8	99.0	99.0	99.1	99.1
GE 300	82.2	89.3	92.6	94.8	96.9	97.1	98.0	98.3	98.6	98.8	99.0	99.1	99.3	99.3	99.4	99.4
GE 200	82.2	89.3	92.6	94.8	96.9	97.1	98.0	98.3	98.6	98.8	99.0	99.1	99.4	99.5	99.5	99.6
GE 100	82.2	89.3	92.6	94.8	96.9	97.1	98.0	98.3	98.6	98.8	99.0	99.1	99.4	99.5	99.6	99.8
GE 000	82.2	89.3	92.6	94.8	96.9	97.1	98.0	98.3	98.6	98.8	99.0	99.1	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6281

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 00-02

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.4	65.0	66.1	66.9	67.5	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 20000	69.2	70.3	71.4	72.2	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 18000	69.2	70.3	71.4	72.2	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	69.2	70.3	71.4	72.2	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	69.2	70.3	71.4	72.2	72.8	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	70.6	71.7	72.8	73.6	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	74.7	76.1	77.8	78.9	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	74.7	76.1	77.8	78.9	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 8000	76.9	79.4	81.1	82.2	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	77.2	79.7	81.4	82.5	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 6000	77.8	80.3	81.9	83.1	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	79.2	81.7	83.3	84.4	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	80.3	82.8	84.4	85.6	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	81.9	84.4	86.1	87.2	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	83.1	85.6	87.2	88.3	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3000	83.6	86.1	88.6	90.3	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	83.6	86.4	88.9	91.1	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	83.9	87.5	90.0	92.2	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	84.2	87.8	90.3	92.5	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	85.6	89.2	91.9	94.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	86.1	90.6	93.3	96.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	86.4	90.8	93.6	96.4	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	86.7	91.1	93.9	96.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	86.7	91.1	93.9	96.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	86.7	91.1	93.9	96.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	86.7	91.4	94.7	97.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	86.7	91.4	94.7	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	86.7	91.4	94.7	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	86.7	91.4	94.7	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	86.7	91.4	94.7	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 100	86.7	91.4	94.7	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 000	86.7	91.4	94.7	97.8	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 360

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.9	59.0	62.1	62.6	63.8	64.4	64.9	64.9	64.9	65.6	65.6	65.6	65.6	65.6	65.9	66.2
GE 20000	58.5	62.6	66.9	67.7	69.0	69.5	70.0	70.0	70.0	70.8	70.8	70.8	70.8	70.8	71.0	71.3
GE 18000	58.5	62.6	66.9	67.7	69.0	69.5	70.0	70.0	70.0	70.8	70.8	70.8	70.8	70.8	71.0	71.3
GE 16000	58.5	62.6	66.9	67.7	69.0	69.5	70.0	70.0	70.0	70.8	70.8	70.8	70.8	70.8	71.0	71.3
GE 14000	58.7	62.8	67.2	67.9	69.2	69.7	70.3	70.3	70.3	71.0	71.0	71.0	71.0	71.0	71.3	71.5
GE 12000	59.7	63.8	68.5	69.2	70.5	71.0	71.5	71.5	71.5	72.3	72.3	72.3	72.3	72.3	72.6	72.8
GE 10000	62.1	66.7	71.5	72.3	73.6	74.1	74.6	74.6	74.6	75.4	75.4	75.4	75.4	75.4	75.6	75.9
GE 9000	62.1	66.7	71.5	72.3	73.6	74.1	74.6	74.6	74.6	75.4	75.4	75.4	75.4	75.4	75.6	75.9
GE 8000	65.6	70.8	75.6	76.4	77.9	78.5	79.0	79.0	79.0	79.7	79.7	79.7	79.7	79.7	80.0	80.3
GE 7000	65.6	70.8	75.6	76.4	77.9	78.5	79.0	79.0	79.0	79.7	79.7	79.7	79.7	79.7	80.0	80.3
GE 6000	65.9	71.3	76.2	76.9	78.5	79.0	79.5	79.5	79.5	80.3	80.3	80.3	80.3	80.3	80.5	80.8
GE 5000	65.9	71.5	76.4	77.2	78.7	79.2	79.7	79.7	79.7	80.5	80.5	80.5	80.5	80.5	80.8	81.0
GE 4500	67.4	73.1	78.5	79.2	80.8	81.3	81.8	81.8	81.8	82.6	82.6	82.6	82.6	82.6	82.8	83.1
GE 4000	67.9	73.8	79.7	80.5	82.1	82.6	83.1	83.1	83.1	83.8	83.8	83.8	83.8	83.8	84.1	84.4
GE 3500	69.0	75.1	81.0	81.8	83.3	83.8	84.4	84.4	84.4	85.1	85.1	85.1	85.1	85.1	85.4	85.6
GE 3000	69.5	75.6	81.5	82.3	83.8	84.4	84.9	84.9	84.9	85.6	85.6	85.6	85.6	85.6	85.9	86.2
GE 2500	70.3	76.9	82.8	83.8	85.4	85.9	86.4	86.4	86.4	87.2	87.2	87.2	87.2	87.2	87.4	87.7
GE 2000	70.3	76.9	82.8	84.4	85.9	86.4	86.9	86.9	86.9	87.7	87.7	87.7	87.7	87.7	87.9	88.2
GE 1800	70.3	76.9	82.8	84.6	86.2	86.7	87.2	87.2	87.2	87.9	87.9	87.9	87.9	87.9	88.2	88.5
GE 1500	71.8	78.5	84.4	86.9	88.5	89.0	89.5	89.5	89.5	90.3	90.3	90.3	90.3	90.3	90.5	90.8
GE 1200	72.8	80.0	86.7	89.2	90.8	91.3	91.8	91.8	91.8	92.6	92.6	92.6	92.6	92.6	92.8	93.1
GE 1000	73.1	80.3	86.9	89.5	91.0	91.5	92.1	92.1	92.1	92.8	92.8	92.8	92.8	92.8	93.1	93.3
GE 900	73.1	80.5	87.4	90.8	92.3	92.8	93.3	93.6	93.6	94.4	94.4	94.4	94.4	94.4	94.6	94.9
GE 800	74.1	81.5	88.5	91.8	93.3	93.8	94.4	94.6	94.6	95.4	95.4	95.4	95.4	95.4	95.6	95.9
GE 700	74.1	81.5	88.5	92.1	93.6	94.1	94.9	95.1	95.1	95.9	95.9	95.9	96.2	96.2	96.4	96.7
GE 600	74.1	81.8	88.7	92.3	94.1	94.6	95.4	95.6	95.6	96.7	96.7	96.7	96.9	96.9	97.2	97.4
GE 500	74.1	81.8	88.7	92.3	94.1	94.6	95.4	95.6	95.6	96.7	96.7	96.7	96.9	96.9	97.2	97.4
GE 400	74.4	82.1	89.2	92.8	94.6	95.1	95.9	96.4	96.4	97.4	97.4	97.4	97.7	97.7	97.9	98.2
GE 300	74.4	82.1	89.2	92.8	94.6	95.1	95.9	96.4	96.4	97.4	97.4	97.4	97.7	97.7	97.9	98.2
GE 200	74.4	82.1	89.2	93.1	94.9	95.4	96.4	96.9	96.9	97.9	97.9	97.9	98.2	98.2	98.7	99.0
GE 100	74.4	82.1	89.2	93.1	94.9	95.4	96.4	96.9	96.9	97.9	97.9	97.9	98.2	98.2	98.7	99.2
GE 000	74.4	82.1	89.2	93.1	94.9	95.4	96.4	96.9	96.9	97.9	97.9	97.9	98.2	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 390

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	49.2	51.6	53.2	53.8	53.8	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	55.0	55.1
GE 20000	45.6	53.4	56.2	58.1	58.9	58.9	60.0	60.0	60.0	60.0	60.0	60.0	60.2	60.3	60.4	60.4
GE 18000	45.8	53.7	56.4	58.3	59.1	59.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.6	60.7	60.7
GE 16000	45.8	53.7	56.4	58.3	59.1	59.1	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.6	60.7	60.7
GE 14000	46.1	54.0	56.8	58.7	59.6	59.6	60.7	60.7	60.7	60.7	60.7	60.7	60.9	61.0	61.1	61.1
GE 12000	47.2	55.4	58.3	60.2	61.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.6	62.7	62.7
GE 10000	48.4	57.1	60.1	62.1	63.0	63.0	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.4	64.6	64.6
GE 9000	48.7	57.3	60.3	62.3	63.2	63.2	64.3	64.3	64.3	64.3	64.3	64.3	64.6	64.7	64.8	64.8
GE 8000	52.0	60.8	63.9	65.9	66.8	66.9	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.3	68.4	68.4
GE 7000	52.8	62.0	65.1	67.1	68.0	68.1	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.6	69.7	69.7
GE 6000	53.4	62.7	65.9	68.0	68.9	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.4	70.6	70.6
GE 5000	54.1	63.6	66.9	69.1	70.0	70.1	71.2	71.2	71.2	71.2	71.2	71.2	71.4	71.6	71.7	71.7
GE 4500	55.3	65.0	68.4	70.7	71.6	71.7	72.8	72.8	72.8	72.8	72.8	72.8	73.0	73.1	73.2	73.2
GE 4000	57.1	66.9	70.4	72.7	73.6	73.7	74.8	74.8	74.8	74.8	74.8	74.8	75.0	75.1	75.2	75.2
GE 3500	57.9	67.9	71.4	73.7	74.6	74.7	75.8	75.8	75.8	75.8	75.8	75.8	76.0	76.1	76.2	76.2
GE 3000	58.9	69.4	73.1	75.7	76.6	76.7	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.1	78.2	78.2
GE 2500	60.7	71.4	75.2	77.8	78.7	78.8	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.2	80.3	80.3
GE 2000	62.1	73.0	76.9	79.7	80.6	80.7	81.8	81.8	81.8	81.9	81.9	81.9	82.1	82.2	82.3	82.3
GE 1800	62.6	73.8	77.7	80.4	81.4	81.6	82.7	82.7	82.7	82.8	82.8	82.8	83.0	83.1	83.2	83.2
GE 1500	63.7	75.2	79.2	82.1	83.1	83.2	84.3	84.3	84.3	84.4	84.4	84.4	84.7	84.8	84.9	84.9
GE 1200	65.1	77.3	81.9	85.1	86.2	86.3	87.6	87.7	87.7	87.8	87.8	87.8	88.1	88.3	88.4	88.4
GE 1000	65.9	79.0	83.7	87.1	88.6	88.8	90.1	90.2	90.2	90.3	90.3	90.3	90.7	90.9	91.0	91.0
GE 900	66.2	79.7	84.4	87.9	89.3	89.6	90.9	91.0	91.0	91.1	91.1	91.1	91.4	91.7	91.8	91.8
GE 800	66.4	80.2	85.0	88.7	90.3	90.7	92.2	92.3	92.3	92.4	92.4	92.4	92.8	93.0	93.1	93.1
GE 700	66.7	80.7	85.4	89.3	91.2	91.9	93.4	93.6	93.6	93.7	93.8	93.8	94.1	94.3	94.4	94.4
GE 600	67.2	81.4	86.2	90.2	92.3	93.0	94.6	95.0	95.0	95.2	95.3	95.3	95.7	95.9	96.0	96.0
GE 500	67.3	81.7	86.4	90.6	93.1	93.8	95.4	95.9	95.9	96.2	96.3	96.3	96.7	96.9	97.0	97.0
GE 400	67.3	81.7	86.4	90.7	93.2	93.9	95.8	96.6	96.7	97.0	97.2	97.2	97.7	97.9	98.0	98.0
GE 300	67.3	81.7	86.4	90.7	93.2	93.9	95.9	96.9	97.0	97.6	97.9	97.9	98.4	98.7	98.8	98.8
GE 200	67.3	81.7	86.4	90.7	93.2	93.9	96.0	97.0	97.1	97.7	98.0	98.0	98.7	98.9	99.1	99.7
GE 100	67.3	81.7	86.4	90.7	93.2	93.9	96.0	97.0	97.1	97.7	98.0	98.0	98.7	98.9	99.2	99.9
GE 000	67.3	81.7	86.4	90.7	93.2	93.9	96.0	97.0	97.1	97.7	98.0	98.0	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	57.1	57.3	58.0	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	58.0	62.7	63.0	63.7	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000	58.2	62.9	63.2	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	58.2	62.9	63.2	63.9	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	58.7	63.3	63.7	64.3	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	60.0	65.0	65.3	66.0	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	62.4	67.4	67.9	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	62.7	67.7	68.1	68.8	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	64.3	69.8	70.3	71.1	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 7000	64.7	70.1	70.7	71.4	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	65.3	70.9	71.4	72.2	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	66.0	71.7	72.2	73.0	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4500	66.8	72.6	73.1	73.9	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	68.8	75.0	75.7	76.4	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3500	69.6	75.8	76.4	77.2	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3000	72.1	78.4	79.1	79.9	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	75.1	81.7	82.3	83.1	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	77.6	84.3	85.0	85.8	86.6	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 1800	78.6	85.6	86.2	87.1	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	80.9	88.2	89.0	90.0	90.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	82.3	90.4	91.3	92.7	93.6	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	83.6	92.4	93.4	94.9	96.0	96.1	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	84.0	93.0	94.0	95.6	97.0	97.1	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	84.2	93.2	94.2	95.9	97.3	97.4	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	84.7	93.7	94.7	96.6	98.0	98.1	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	84.7	93.7	94.8	96.7	98.1	98.2	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	84.7	93.8	94.9	96.8	98.3	98.4	99.0	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	84.7	93.8	94.9	96.8	98.3	98.4	99.0	99.3	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	84.7	93.8	94.9	96.8	98.3	98.4	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.7	93.8	94.9	96.8	98.3	98.4	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.7	93.8	94.9	96.8	98.3	98.4	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.7	93.8	94.9	96.8	98.3	98.4	99.0	99.3	99.3	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.2	56.4	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	64.3	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	64.3	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	64.3	65.7	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	64.7	66.0	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	66.3	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	69.1	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	69.1	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	70.8	72.6	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	71.0	72.8	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 6000	71.4	73.2	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	73.7	75.4	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4500	74.7	76.4	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	77.1	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	80.7	82.9	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	84.2	87.0	88.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	86.8	89.6	90.6	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	88.8	91.8	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1800	89.7	92.8	94.2	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1500	90.8	94.6	96.1	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	91.6	95.8	97.4	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	91.9	96.1	97.8	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	91.9	96.1	97.8	98.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	92.1	96.3	98.0	98.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.1	96.3	98.1	98.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.4	54.4	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 20000	66.3	67.7	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	66.8	68.1	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	66.8	68.1	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	67.4	68.8	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 12000	68.7	70.1	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	73.3	75.0	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 9000	73.6	75.2	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	76.2	78.1	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	76.9	78.8	79.6	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 6000	77.7	79.6	80.3	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	79.3	81.2	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	81.1	83.1	83.9	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	85.1	87.1	87.9	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	86.8	89.1	90.0	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	89.0	91.6	92.6	93.3	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	90.4	93.0	94.1	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	91.1	94.4	95.6	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	91.6	94.9	96.0	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	92.1	95.7	96.8	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	93.0	96.6	97.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	93.2	96.8	97.9	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	93.3	96.9	98.0	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	93.3	96.9	98.0	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	93.3	96.9	98.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	93.3	96.9	98.0	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	93.3	96.9	98.0	99.0	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.3	96.9	98.0	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.3	96.9	98.0	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.3	96.9	98.0	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.3	96.9	98.0	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.3	96.9	98.0	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	69.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 18000	69.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 16000	69.8	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	70.5	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 12000	71.9	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 10000	75.4	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	75.7	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	78.0	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	78.2	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 6000	9.0	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	80.1	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	81.4	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4000	84.4	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	86.4	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	88.8	92.4	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	89.8	93.6	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	90.7	94.8	96.3	96.4	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	91.1	95.2	96.7	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	92.4	96.5	98.1	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	93.0	97.0	98.6	98.8	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	93.0	97.2	98.8	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	93.0	97.2	98.8	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	93.2	97.4	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	93.2	97.4	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	93.3	97.5	99.1	99.2	99.3	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.3	97.5	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.3	97.5	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.3	97.5	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.3	97.5	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.3	97.5	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.3	97.5	99.1	99.5	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.8	61.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 20000	67.3	68.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 18000	67.3	68.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 16000	67.3	68.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 14000	67.4	68.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	68.6	69.9	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	72.4	73.7	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	72.6	74.0	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	75.6	77.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 7000	76.2	78.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	76.4	78.3	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	77.4	79.6	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	78.7	81.0	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	80.7	83.0	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3500	81.7	84.5	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	84.2	87.2	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	85.7	88.9	92.4	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	86.7	90.0	93.6	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	87.3	90.8	94.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	88.6	92.0	96.2	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	89.2	92.6	96.8	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	89.9	93.4	97.7	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	90.2	93.6	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	90.2	93.6	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	90.3	93.7	98.2	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	90.3	93.7	98.2	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	90.3	93.7	98.4	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	90.3	93.7	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.3	93.7	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.3	93.7	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.3	93.7	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.3	93.7	98.4	99.0	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 814

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.6	57.3	58.2	58.7	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3
GE 20000	62.0	65.0	66.2	66.8	67.1	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 18000	62.1	65.1	66.3	66.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
GE 16000	62.1	65.1	66.3	66.9	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
GE 14000	62.5	65.5	66.7	67.3	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0
GE 12000	63.8	67.0	68.2	68.8	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5
GE 10000	66.9	70.3	71.6	72.2	72.6	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0
GE 9000	67.1	70.4	71.8	72.4	72.7	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2
GE 8000	69.6	73.2	74.7	75.3	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1
GE 7000	70.0	73.7	75.2	75.8	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6
GE 6000	70.6	74.3	75.8	76.5	76.9	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3
GE 5000	71.7	75.6	77.1	77.8	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
GE 4500	73.0	77.0	78.5	79.2	79.6	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0
GE 4000	75.3	79.6	81.2	81.9	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 3500	76.9	81.4	83.1	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 3000	79.0	83.8	85.8	86.7	87.1	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
GE 2500	80.7	85.7	87.9	88.8	89.3	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 2000	82.0	87.3	89.5	90.6	91.2	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1800	82.6	88.0	90.2	91.3	92.0	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.5	92.5	92.5
GE 1500	83.9	89.5	91.9	93.1	93.8	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 1200	84.8	90.8	93.4	94.7	95.4	95.5	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1	96.1
GE 1000	85.3	91.6	94.2	95.6	96.4	96.5	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2
GE 900	85.5	91.8	94.5	96.0	96.9	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7	97.7
GE 800	85.7	92.1	94.8	96.3	97.3	97.4	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
GE 700	85.8	92.2	95.0	96.6	97.6	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6
GE 600	85.9	92.4	95.2	96.8	97.8	98.0	98.5	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	99.0
GE 500	85.9	92.4	95.3	96.9	98.1	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.3	99.3
GE 400	86.0	92.5	95.3	97.0	98.1	98.3	98.9	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5
GE 300	86.0	92.5	95.3	97.0	98.1	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
GE 200	86.0	92.5	95.3	97.0	98.2	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
GE 100	86.0	92.5	95.3	97.0	98.2	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	99.9
GE 000	86.0	92.5	95.3	97.0	98.2	98.3	98.9	99.2	99.2	99.4	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6045

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	62.4	65.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9
GE 20000	59.9	70.7	74.2	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6
GE 18000	59.9	70.7	74.2	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6
GE 16000	59.9	70.7	74.2	75.5	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6
GE 14000	59.9	71.2	74.7	76.1	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.2
GE 12000	60.2	72.3	75.8	77.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2	78.2	78.2
GE 10000	64.8	78.5	82.0	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2
GE 9000	64.8	78.5	82.0	84.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2
GE 8000	67.2	81.7	85.2	87.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5
GE 7000	67.2	81.7	85.2	87.4	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5
GE 6000	67.2	82.0	85.5	87.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8
GE 5000	68.3	83.1	86.6	88.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9	90.9	90.9	90.9
GE 4500	70.4	85.5	89.0	91.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.3	93.3	93.3	93.3
GE 4000	71.0	86.3	89.8	91.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1
GE 3500	71.0	86.3	90.3	92.5	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 3000	71.0	86.6	90.9	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2
GE 2500	71.0	86.6	90.9	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2
GE 2000	71.0	86.6	90.9	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2
GE 1800	71.0	86.6	90.9	93.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.2	95.2	95.2	95.2
GE 1500	71.2	86.8	91.9	94.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
GE 1200	71.5	87.1	92.2	94.4	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	96.5	96.5
GE 1000	72.0	87.6	93.0	95.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3
GE 900	72.0	88.2	93.5	95.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 800	72.0	88.2	93.5	95.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 700	72.0	88.2	93.5	95.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 600	72.0	88.2	93.5	95.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8
GE 500	72.0	88.2	93.5	95.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1
GE 400	72.0	88.2	93.8	96.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4
GE 300	72.0	88.4	94.1	96.2	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2
GE 200	72.0	88.4	94.1	96.2	98.4	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
GE 100	72.0	88.4	94.1	96.2	98.4	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0
GE 00	72.0	88.4	94.1	96.2	98.4	98.4	98.9	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 03 05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.8	42.7	48.4	50.4	53.4	53.9	55.0	55.7	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6
GE 20000	39.2	47.8	54.7	57.7	61.6	62.4	63.4	64.2	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1
GE 18000	39.2	47.8	54.7	57.7	61.6	62.4	63.4	64.2	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1
GE 16000	39.2	47.8	54.7	57.7	61.6	62.4	63.4	64.2	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1
GE 14000	39.2	47.8	55.0	58.1	62.0	62.7	63.8	64.5	65.1	65.2	65.2	65.2	65.4	65.4	65.4	65.4
GE 12000	39.6	48.2	55.4	58.4	62.4	63.1	64.2	64.9	65.4	65.6	65.6	65.6	65.8	65.8	65.8	65.8
GE 10000	42.8	52.9	60.9	64.2	68.1	68.8	69.9	70.6	71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5
GE 9000	43.0	53.2	61.3	64.5	68.5	69.2	70.3	71.0	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9
GE 8000	45.0	56.3	64.7	68.3	72.9	73.7	74.7	75.6	76.2	76.5	76.5	76.5	76.9	76.9	76.9	76.9
GE 7000	45.0	56.5	64.9	68.5	73.1	73.8	74.9	75.8	76.3	76.7	76.7	76.7	77.1	77.1	77.1	77.1
GE 6000	45.0	56.5	64.9	68.6	73.3	74.0	75.1	76.0	76.5	76.9	76.9	76.9	77.2	77.2	77.2	77.2
GE 5000	46.1	57.7	66.5	70.3	74.9	75.6	76.7	77.6	78.1	78.5	78.5	78.5	78.9	78.9	78.9	78.9
GE 4500	47.8	59.9	68.6	72.4	77.1	77.8	78.9	79.7	80.3	80.6	80.6	80.6	81.0	81.0	81.0	81.0
GE 4000	48.0	60.2	69.0	72.8	77.4	78.1	79.2	80.3	81.0	81.4	81.4	81.4	81.7	81.7	81.7	81.7
GE 3500	48.2	60.6	69.4	73.1	77.8	78.7	79.7	80.8	81.5	81.9	81.9	81.9	82.3	82.3	82.3	82.3
GE 3000	48.4	60.9	70.4	74.2	78.9	79.7	80.8	81.9	82.8	83.2	83.2	83.2	83.5	83.5	83.5	83.5
GE 2500	48.7	61.3	71.0	74.7	79.6	80.5	81.5	82.6	83.5	83.9	83.9	83.9	84.2	84.2	84.2	84.2
GE 2000	49.1	61.6	71.3	75.6	80.5	81.4	82.4	83.5	84.4	84.8	84.8	84.8	85.1	85.1	85.1	85.1
GE 1800	49.5	62.2	71.9	76.2	81.0	81.9	83.0	84.1	84.9	85.3	85.3	85.3	85.7	85.7	85.7	85.7
GE 1500	50.2	63.6	73.8	78.5	83.3	84.2	85.3	86.4	87.3	87.6	87.6	87.6	88.0	88.0	88.0	88.0
GE 1200	51.4	65.4	76.0	80.8	85.8	86.7	87.8	88.9	89.8	90.1	90.1	90.1	90.5	90.5	90.5	90.5
GE 1000	51.6	65.8	76.9	81.9	86.9	87.8	88.9	90.0	90.9	91.2	91.2	91.2	91.6	91.6	91.6	91.6
GE 900	52.2	66.5	78.1	83.9	88.9	89.8	90.9	91.9	92.8	93.2	93.2	93.2	93.5	93.5	93.5	93.5
GE 800	52.2	66.7	78.3	84.4	89.6	90.5	91.6	92.8	93.7	94.1	94.1	94.1	94.4	94.4	94.4	94.4
GE 700	52.2	67.0	78.9	84.9	90.7	91.6	92.7	93.9	95.0	95.3	95.3	95.3	95.7	95.7	95.7	95.7
GE 600	52.5	67.9	80.1	86.2	91.9	92.8	94.3	95.5	96.6	97.0	97.0	97.0	97.3	97.3	97.3	97.3
GE 500	52.7	68.3	80.6	86.7	92.5	93.4	95.0	96.2	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.0
GE 400	52.7	68.3	80.8	86.9	92.7	93.5	95.2	96.6	97.7	98.0	98.0	98.0	98.6	98.6	98.6	98.6
GE 300	52.9	68.6	81.2	87.3	93.0	93.9	95.5	97.0	98.0	98.4	98.6	98.6	99.1	99.1	99.1	99.1
GE 200	52.9	68.6	81.2	87.5	93.2	94.1	95.7	97.3	98.6	98.9	99.1	99.1	99.6	99.8	99.8	100.0
GE 100	52.9	68.6	81.2	87.5	93.2	94.1	95.7	97.3	98.6	98.9	99.1	99.1	99.6	99.8	99.8	100.0
GE 000	52.9	68.6	81.2	87.5	93.2	94.1	95.7	97.3	98.6	98.9	99.1	99.1	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 558

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	43.5	48.0	50.5	52.4	52.9	54.0	54.4	54.7	54.7	54.8	54.8	54.8	54.9	54.9	55.1
GE 20000	38.2	48.8	53.9	57.0	59.2	59.9	61.0	61.4	61.7	61.7	61.8	61.8	61.8	61.9	61.9	62.0
GE 18000	38.3	48.9	54.0	57.1	59.4	60.0	61.1	61.5	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.2
GE 16000	38.3	48.9	54.0	57.1	59.4	60.0	61.1	61.5	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.2
GE 14000	38.3	48.9	54.0	57.1	59.4	60.0	61.1	61.5	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.2
GE 12000	39.1	49.9	54.9	58.1	60.3	61.0	62.0	62.5	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.1
GE 10000	41.2	52.7	58.1	61.3	63.7	64.3	65.4	65.9	66.2	66.2	66.3	66.3	66.3	66.5	66.5	66.6
GE 9000	41.6	53.2	58.6	61.8	64.2	64.8	65.9	66.5	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.1
GE 8000	42.6	55.4	61.6	65.4	68.2	68.8	70.1	70.8	71.1	71.1	71.2	71.2	71.2	71.3	71.3	71.4
GE 7000	43.3	56.3	62.7	66.5	69.2	69.9	71.2	71.8	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.5
GE 6000	43.5	56.6	63.0	66.9	69.7	70.3	71.6	72.3	72.6	72.6	72.7	72.7	72.7	72.8	72.8	72.9
GE 5000	44.4	58.6	65.3	69.1	72.0	72.7	74.0	74.6	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.3
GE 4500	44.9	59.5	66.2	70.2	73.3	74.0	75.3	75.9	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.6
GE 4000	45.4	60.4	67.2	71.3	74.6	75.4	76.8	77.5	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.2
GE 3500	46.1	61.4	68.2	72.3	75.6	76.6	78.0	78.7	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.5
GE 3000	46.8	62.3	69.1	73.2	76.6	77.6	79.0	79.8	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.5
GE 2500	47.5	63.0	70.2	74.3	77.6	78.7	80.1	80.9	81.3	81.3	81.4	81.4	81.4	81.5	81.5	81.6
GE 2000	48.8	64.7	72.0	76.2	79.6	80.6	82.0	82.8	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.5
GE 1800	49.4	65.6	72.9	77.2	80.5	81.6	83.0	83.8	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.5
GE 1500	50.1	67.0	74.9	79.6	83.1	84.2	85.6	86.3	86.8	86.8	86.9	86.9	86.9	87.0	87.0	87.1
GE 1200	51.8	70.0	78.3	83.1	86.7	87.7	89.2	90.1	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.9
GE 1000	52.3	71.0	79.5	84.8	88.7	89.9	91.5	92.4	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.2
GE 900	52.5	71.7	80.9	86.6	90.5	91.7	93.3	94.2	94.6	94.7	94.8	94.8	94.8	94.9	94.9	95.1
GE 800	52.8	72.3	81.6	87.3	91.5	92.7	94.5	95.4	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.2
GE 700	52.8	72.6	81.9	87.8	92.0	93.2	95.1	95.9	96.3	96.7	96.8	96.8	96.8	96.9	96.9	97.0
GE 600	53.0	73.0	82.5	88.4	92.7	93.9	95.7	96.6	97.1	97.5	97.6	97.6	97.6	97.7	97.7	97.8
GE 500	53.3	73.3	83.1	89.1	93.4	94.6	96.6	97.5	98.1	98.5	98.6	98.6	98.6	98.7	98.7	98.9
GE 400	53.3	73.3	83.1	89.2	93.5	94.7	96.8	97.7	98.3	98.7	98.8	98.8	98.8	98.9	98.9	99.1
GE 300	53.3	73.3	83.1	89.2	93.7	94.8	97.0	98.0	98.5	99.0	99.1	99.1	99.1	99.2	99.2	99.5
GE 200	53.3	73.3	83.1	89.2	93.8	94.9	97.1	98.2	98.7	99.2	99.5	99.5	99.5	99.6	99.7	99.9
GE 100	53.3	73.3	83.1	89.2	93.8	94.9	97.1	98.2	98.7	99.2	99.5	99.5	99.5	99.6	99.7	100.0
GE 000	53.3	73.3	83.1	89.2	93.8	94.9	97.1	98.2	98.7	99.2	99.5	99.5	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	52.0	54.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 20000	50.2	58.6	61.0	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 18000	50.3	58.8	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	50.3	58.8	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	50.5	59.2	61.6	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	51.4	60.5	62.9	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	54.4	64.0	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	54.8	64.4	66.8	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	56.7	67.5	70.3	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	57.1	68.1	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	57.4	68.7	71.5	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	59.0	70.5	73.5	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4500	59.5	71.3	74.3	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	61.4	73.9	77.0	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3500	63.3	75.9	79.0	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3000	67.0	80.2	83.3	84.1	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	68.3	82.3	85.8	86.7	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	71.3	86.0	89.7	90.6	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	71.7	86.8	90.4	91.4	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	73.9	89.7	93.4	94.5	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	74.5	90.9	95.1	96.1	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	74.8	91.6	96.0	97.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	75.2	91.9	96.5	97.7	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	75.2	92.0	96.6	97.8	99.1	99.1	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	75.2	92.0	96.7	98.1	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	75.2	92.0	96.7	98.1	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	75.2	92.2	96.8	98.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.2	92.2	96.8	98.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.2	92.2	96.8	98.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.2	92.2	96.8	98.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.2	92.2	96.8	98.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.2	92.2	96.8	98.3	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 20000	54.5	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	54.6	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 16000	54.6	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 14000	54.8	60.6	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	56.2	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
GE 10000	54.2	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 9000	59.5	66.0	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
GE 8000	61.9	69.4	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
GE 7000	62.3	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8
GE 6000	62.8	70.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4
GE 5000	64.7	72.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9
GE 4500	66.5	74.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 4000	70.2	79.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 3500	73.2	82.8	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8
GE 3000	78.8	89.4	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
GE 2500	81.8	92.7	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 2000	83.2	94.8	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 1800	83.5	95.2	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 1500	84.1	96.0	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1200	84.4	96.5	98.9	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 1000	84.4	96.5	98.9	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 900	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 500	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 400	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 300	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 200	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	84.4	96.5	98.9	99.0	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	62.3	69.4	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	62.4	69.5	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	62.4	69.5	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	63.4	70.5	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	64.6	71.7	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 10000	69.7	76.8	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 9000	69.9	77.0	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	73.3	81.0	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 7000	74.2	81.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	74.3	81.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 5000	76.1	84.1	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	77.0	85.1	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	80.2	88.6	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	83.3	91.9	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	85.5	94.1	95.9	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	86.8	95.7	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	87.5	96.6	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	87.6	96.7	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	88.1	97.1	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	88.1	97.1	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 700	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 600	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 500	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 400	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 300	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	88.1	97.1	98.9	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	59.6	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 20000	67.9	74.0	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 18000	68.0	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	68.0	74.1	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	68.3	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	69.1	75.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 10000	72.7	79.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	72.7	79.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 8000	76.8	83.7	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	77.0	83.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 6000	77.0	83.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	78.9	86.2	89.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4500	79.2	86.7	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000	81.4	89.3	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	83.4	91.6	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3000	84.8	93.3	96.1	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	85.0	93.8	96.7	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	85.2	94.0	97.0	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	85.6	94.5	97.4	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	86.0	94.8	97.9	98.8	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	86.1	94.9	98.0	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	86.2	95.0	98.2	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.9	63.5	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	72.7	78.0	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 18000	72.7	78.0	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 16000	72.7	78.0	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 14000	72.7	78.0	79.5	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	73.8	79.4	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 10000	76.8	82.7	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 9000	76.8	82.7	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	79.4	85.4	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 7000	79.5	85.5	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 6000	79.5	85.5	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	81.2	87.3	89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	82.3	88.7	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000	82.7	89.4	91.7	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	84.7	91.4	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3000	86.2	93.2	95.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	86.4	93.3	96.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	86.6	93.6	96.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	86.9	93.9	96.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	87.3	94.4	97.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	87.3	94.4	97.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	87.3	94.5	98.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	87.3	94.5	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	87.3	94.5	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	87.3	94.5	98.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	87.3	94.5	98.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	87.3	94.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.3	94.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.3	94.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.3	94.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.3	94.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.3	94.5	98.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.7	53.5	55.4	56.1	56.7	56.8	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
GE 20000	55.6	63.2	65.6	66.6	67.3	67.5	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	55.7	63.3	65.7	66.6	67.4	67.6	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 16000	55.7	63.3	65.7	66.6	67.4	67.6	67.8	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	56.0	63.7	66.1	67.0	67.8	68.0	68.2	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 12000	56.9	64.9	67.4	68.4	69.1	69.3	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9
GE 10000	60.3	68.7	71.5	72.5	73.3	73.4	73.7	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	60.5	69.0	71.7	72.8	73.5	73.7	73.9	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 8000	63.0	72.3	75.3	76.5	77.5	77.7	78.0	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4
GE 7000	63.4	72.7	75.8	77.0	78.0	78.2	78.5	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 6000	63.6	73.0	76.1	77.3	78.3	78.5	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2
GE 5000	65.1	74.9	78.3	79.5	80.5	80.7	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4
GE 4500	66.1	76.2	79.6	80.9	81.9	82.1	82.4	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 4000	67.9	78.4	81.8	83.1	84.3	84.4	84.7	84.9	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 3500	69.7	80.5	84.2	85.5	86.6	86.9	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 3000	71.9	83.0	86.9	88.2	89.4	89.7	90.0	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 2500	72.9	84.3	88.3	89.7	91.0	91.2	91.5	91.7	9.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 2000	74.0	85.7	89.7	91.2	92.5	92.7	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.6
GE 1800	74.3	86.1	90.2	91.7	93.0	93.2	93.5	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	75.0	87.2	91.6	93.3	94.6	94.8	95.2	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
GE 1200	75.6	88.1	92.6	94.4	95.7	96.0	96.3	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1000	75.8	88.4	93.1	95.0	96.5	96.8	97.1	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	75.9	88.7	93.6	95.6	97.1	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4
GE 800	75.9	88.8	93.7	95.8	97.4	97.7	98.0	98.3	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7
GE 700	75.9	88.8	93.8	95.9	97.6	97.9	98.3	98.5	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 600	76.0	89.0	94.0	96.1	97.8	98.1	98.5	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2
GE 500	76.1	89.1	94.2	96.3	98.0	98.3	98.8	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 400	76.1	89.1	94.2	96.4	98.1	98.3	98.8	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	76.1	89.1	94.3	96.4	98.1	98.4	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 200	76.1	89.1	94.3	96.4	98.2	98.4	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 100	76.1	89.1	94.3	96.4	98.2	98.4	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 000	76.1	89.1	94.3	96.4	98.2	98.4	99.0	99.3	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6302

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	57.5	67.5	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 20000	56.4	65.6	76.9	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 18000	56.4	65.6	76.9	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 16000	56.4	65.6	76.9	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 14000	56.4	65.6	76.9	81.1	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 12000	57.5	67.2	78.6	82.8	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 10000	61.1	71.4	83.3	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000	61.1	71.7	83.6	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 8000	62.8	73.6	86.9	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 7000	62.8	73.6	86.9	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 6000	62.8	73.6	86.9	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 5000	62.8	73.6	86.9	91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	62.8	73.9	87.2	91.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000	63.9	75.0	88.3	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	65.3	76.4	89.7	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	65.8	77.5	90.8	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	65.8	77.5	90.8	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	65.8	77.5	90.8	95.3	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	65.8	77.5	91.1	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	67.2	78.9	93.1	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	67.2	78.9	93.1	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	67.2	78.9	93.3	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	67.5	79.2	93.6	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.3	80.0	94.4	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 360

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.6	37.8	47.2	53.3	59.4	60.2	62.0	62.2	62.4	62.8	62.8	62.8	62.8	62.8	63.0	63.0
GE 20000	31.3	44.4	55.0	61.9	68.1	69.1	70.9	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.9	71.9
GE 18000	31.3	44.4	55.0	61.9	68.1	69.1	70.9	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.9	71.9
GE 16000	31.3	44.4	55.0	61.9	68.1	69.1	70.9	71.1	71.3	71.7	71.7	71.7	71.7	71.7	71.9	71.9
GE 14000	31.5	44.6	55.2	62.0	68.3	69.3	71.1	71.3	71.5	71.9	71.9	71.9	71.9	71.9	72.0	72.0
GE 12000	32.0	45.6	56.7	63.5	69.8	70.7	72.6	72.8	73.0	73.3	73.3	73.3	73.3	73.3	73.5	73.5
GE 10000	34.1	48.5	60.2	67.2	73.9	74.8	76.9	77.0	77.2	77.6	77.6	77.6	77.6	77.6	77.8	77.8
GE 9000	34.1	48.5	60.2	67.2	73.9	74.8	76.9	77.0	77.2	77.6	77.6	77.6	77.6	77.6	77.8	77.8
GE 8000	36.1	51.1	63.3	70.4	77.0	78.0	80.0	80.2	80.4	80.9	80.9	80.9	80.9	80.9	81.1	81.1
GE 7000	36.1	51.1	63.3	70.4	77.0	78.0	80.0	80.2	80.4	80.9	80.9	80.9	80.9	80.9	81.1	81.1
GE 6000	36.3	51.3	63.7	70.7	77.4	78.3	80.4	80.6	80.7	81.3	81.3	81.3	81.3	81.3	81.5	81.5
GE 5000	37.2	53.1	65.7	72.8	79.4	80.4	82.4	82.6	82.8	83.3	83.3	83.3	83.3	83.3	83.5	83.5
GE 4500	37.4	53.3	65.9	73.0	79.6	80.6	82.6	82.8	83.0	83.5	83.5	83.5	83.5	83.5	83.7	83.7
GE 4000	38.0	54.1	66.7	73.7	80.4	81.3	83.3	83.5	83.7	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 3500	38.0	54.1	67.0	74.3	80.9	81.9	83.9	84.1	84.3	84.8	84.8	84.8	84.8	84.8	85.0	85.0
GE 3000	38.1	54.6	67.6	74.8	81.5	82.4	84.4	84.6	84.8	85.4	85.4	85.4	85.4	85.4	85.6	85.6
GE 2500	38.3	55.2	68.1	75.4	82.0	83.0	85.0	85.2	85.4	85.9	85.9	85.9	85.9	85.9	86.1	86.1
GE 2000	38.5	55.7	68.7	75.9	82.6	83.5	85.6	85.9	86.1	86.7	86.7	86.7	86.7	86.7	86.9	86.9
GE 1800	38.9	56.3	69.4	76.7	83.3	84.3	86.3	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.6	87.6
GE 1500	39.6	57.8	71.7	79.3	86.1	87.0	89.3	89.6	89.8	90.4	90.4	90.4	90.4	90.4	90.6	90.6
GE 1200	40.0	58.1	72.0	79.6	86.5	87.4	89.6	90.2	90.4	90.9	90.9	90.9	90.9	90.9	91.1	91.1
GE 1000	40.6	58.9	72.8	80.7	87.6	88.5	90.7	91.3	91.5	92.0	92.0	92.0	92.0	92.0	92.2	92.2
GE 900	40.9	59.4	73.7	81.7	88.5	89.4	91.7	92.2	92.4	93.0	93.0	93.0	93.0	93.0	93.1	93.1
GE 800	41.7	60.2	75.2	83.3	90.2	91.1	93.3	93.9	94.1	94.6	94.6	94.6	94.6	94.6	94.8	94.8
GE 700	42.0	60.7	75.7	83.9	90.9	91.9	94.1	94.6	94.8	95.4	95.4	95.4	95.4	95.4	95.6	95.6
GE 600	42.6	61.7	77.0	85.2	92.6	93.5	95.9	96.5	96.7	97.2	97.2	97.2	97.2	97.2	97.4	97.4
GE 500	42.6	61.7	77.0	85.2	92.8	93.7	96.1	96.9	97.0	97.6	97.6	97.6	97.6	97.6	97.8	97.8
GE 400	42.6	61.7	77.0	85.2	93.0	93.9	96.3	97.0	97.2	97.8	97.8	97.8	97.8	97.8	98.0	98.0
GE 300	42.6	61.7	77.0	85.6	93.3	94.3	96.7	97.4	97.6	98.1	98.1	98.1	98.1	98.1	98.3	98.3
GE 200	42.6	61.7	77.0	85.6	93.3	94.3	96.9	97.6	98.0	98.5	98.5	98.5	98.5	98.7	98.9	98.9
GE 100	42.6	61.7	77.0	85.6	93.3	94.3	96.9	97.6	98.0	98.5	98.5	98.5	98.7	98.7	98.9	99.3
GE 000	42.6	61.7	77.0	85.6	93.3	94.3	96.9	97.6	98.0	98.5	98.5	98.5	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 540

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.4	36.2	44.4	50.3	53.7	54.2	54.6	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.2	55.2
GE 20000	25.7	41.2	50.2	56.7	60.4	61.1	61.4	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1
GE 18000	25.7	41.2	50.2	56.7	60.4	61.1	61.4	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1
GE 16000	25.7	41.2	50.2	56.7	60.4	61.1	61.4	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1
GE 14000	26.2	41.8	50.8	57.2	61.0	61.7	62.0	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.7	62.7
GE 12000	27.7	44.4	53.9	60.4	64.3	65.0	65.3	65.7	65.7	65.8	65.8	65.8	65.9	65.9	66.0	66.0
GE 10000	29.1	47.6	57.6	64.4	68.3	69.1	69.4	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.2	70.2
GE 9000	29.7	48.1	58.1	65.0	68.9	69.7	70.0	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.8	70.8
GE 8000	32.7	51.7	62.0	69.1	73.0	73.8	74.2	74.6	74.6	74.8	74.8	74.8	74.9	74.9	75.0	75.0
GE 7000	32.8	52.0	62.3	69.4	73.3	74.1	74.6	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.3	75.3
GE 6000	32.8	52.1	62.4	69.6	73.4	74.2	74.7	75.0	75.0	75.2	75.2	75.2	75.3	75.3	75.4	75.4
GE 5000	33.8	53.9	64.3	71.6	75.4	76.2	76.7	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.4	77.4
GE 4500	34.4	54.6	65.1	72.3	76.2	77.1	77.6	77.9	77.9	78.1	78.1	78.1	78.2	78.2	78.3	78.3
GE 4000	34.9	55.0	65.6	72.8	76.7	77.6	78.0	78.3	78.3	78.6	78.6	78.6	78.7	78.7	78.8	78.8
GE 3500	35.0	55.1	65.7	72.9	76.8	77.7	78.1	78.4	78.4	78.7	78.7	78.7	78.8	78.8	78.9	78.9
GE 3000	35.3	55.4	66.0	73.2	77.2	78.1	78.6	78.9	78.9	79.1	79.1	79.1	79.2	79.2	79.3	79.3
GE 2500	35.6	55.8	66.6	73.8	77.8	78.7	79.2	79.6	79.6	79.8	79.8	79.8	79.9	79.9	80.0	80.0
GE 2000	36.9	57.3	68.1	75.3	79.4	80.3	80.9	81.2	81.2	81.4	81.4	81.4	81.6	81.6	81.7	81.7
GE 1800	37.3	57.8	68.6	76.0	80.1	81.0	81.6	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.3	82.3
GE 1500	38.7	60.3	71.8	79.4	83.6	84.4	85.4	85.8	85.9	86.1	86.1	86.1	86.2	86.2	86.3	86.3
GE 1200	40.0	62.2	73.9	81.8	86.0	86.9	87.9	88.2	88.3	88.6	88.6	88.6	88.7	88.7	88.8	88.8
GE 1000	41.2	64.2	76.0	84.0	88.6	89.4	90.7	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.6	91.6
GE 900	41.7	65.4	77.2	85.6	90.2	91.1	92.3	92.7	92.8	93.0	93.0	93.0	93.1	93.1	93.2	93.2
GE 800	42.0	66.3	78.2	86.8	91.4	92.3	93.6	93.9	94.0	94.2	94.2	94.2	94.3	94.3	94.4	94.4
GE 700	42.1	66.6	78.6	87.3	92.0	92.9	94.1	94.4	94.6	94.8	94.8	94.8	94.9	94.9	95.0	95.0
GE 600	42.4	67.6	80.0	88.9	93.7	94.6	95.8	96.1	96.2	96.4	96.4	96.4	96.6	96.6	96.7	96.7
GE 500	42.4	67.8	80.4	89.4	94.4	95.6	96.8	97.3	97.4	97.8	97.8	97.8	97.9	97.9	98.0	98.0
GE 400	42.4	67.9	80.7	89.8	94.9	96.2	97.7	98.3	98.4	98.8	98.8	98.8	98.9	98.9	99.0	99.0
GE 300	42.4	67.9	80.7	89.9	95.0	96.3	97.8	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.1
GE 200	42.4	67.9	80.7	89.9	95.0	96.3	97.8	98.4	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.1
GE 100	42.4	67.9	80.7	89.9	95.0	96.3	97.8	98.4	98.6	99.0	99.0	99.0	99.7	99.7	99.9	100.0
GE 000	42.4	67.9	80.7	89.9	95.0	96.3	97.8	98.4	98.6	99.0	99.0	99.0	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	54.3	57.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	46.9	61.3	64.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	46.9	61.3	64.3	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 16000	46.9	61.6	64.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	47.3	62.0	65.0	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	49.4	64.3	68.0	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	52.9	68.8	72.6	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	53.2	69.1	72.9	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 8000	55.4	71.8	75.6	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	55.6	72.0	75.8	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 6000	55.7	72.2	76.0	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 5000	57.1	73.7	77.4	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 4500	57.3	73.9	77.7	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	57.7	74.2	78.0	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	58.9	75.6	79.3	80.8	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	62.0	79.6	83.4	84.9	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2500	63.3	81.4	85.3	86.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	65.1	83.9	88.3	89.8	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	65.7	84.7	89.2	90.7	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	67.3	87.1	91.9	93.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	68.8	88.9	93.7	95.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	69.2	89.7	94.8	96.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	69.6	90.2	95.3	97.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	69.6	90.3	95.4	97.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	69.6	90.4	95.6	97.8	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	69.9	90.8	95.9	98.1	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	69.9	90.8	95.9	98.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	69.9	90.8	95.9	98.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.9	90.8	95.9	98.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.9	90.8	95.9	98.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.9	90.8	95.9	98.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.9	90.8	95.9	98.1	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	55.7	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	57.1	68.3	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 18000	57.3	68.6	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 16000	57.3	68.6	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 14000	57.9	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	59.3	71.7	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 10000	62.9	75.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	63.6	76.4	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 8000	65.4	78.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	65.7	78.8	79.8	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	65.8	78.9	80.1	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	67.1	80.3	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	67.4	80.7	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	69.8	83.3	84.8	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	71.8	85.6	87.2	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	76.9	91.2	93.1	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.4
GE 2500	78.2	92.9	94.9	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.6
GE 2000	79.2	94.0	96.0	97.2	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.2
GE 1800	79.6	94.3	96.3	97.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	99.0
GE 1500	79.8	94.6	96.6	97.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.2
GE 1200	80.1	95.0	97.0	98.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.6	99.6	99.6	99.7
GE 1000	80.1	95.0	97.1	98.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.8
GE 900	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 800	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 700	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 600	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 500	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 400	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 300	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 200	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	80.3	95.2	97.3	98.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.0	53.8	55.6	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	59.6	70.7	73.0	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	59.7	70.8	73.1	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	59.7	70.8	73.1	73.4	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	60.6	71.7	74.0	74.3	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	61.6	73.1	75.7	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	67.1	79.2	82.0	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 9000	67.7	79.8	82.6	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 8000	70.0	82.2	85.0	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	70.0	82.3	85.1	85.4	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 6000	70.6	83.0	85.8	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 5000	71.6	84.0	86.9	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4500	72.2	84.7	87.6	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	74.1	86.8	89.9	90.4	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	75.9	89.0	92.2	92.9	93.2	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	78.6	91.9	95.4	96.1	96.4	96.6	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1
GE 2500	79.2	92.7	96.3	97.0	97.3	97.4	97.7	97.7	97.7	97.7	97.8	97.8	97.9	97.9	98.0	98.0
GE 2000	79.9	93.4	97.1	97.8	98.1	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.8	98.8
GE 1800	79.9	93.4	97.1	97.8	98.2	98.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9
GE 1500	80.2	93.8	97.4	98.1	98.7	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4	99.4
GE 1200	80.2	93.9	97.7	98.3	98.9	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.7
GE 1000	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 900	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 800	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 700	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 600	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 500	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 400	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 300	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 200	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 100	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	80.2	94.0	97.8	98.4	99.0	99.1	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.0	53.3	56.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	58.7	69.4	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	59.0	69.8	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 16000	59.0	69.8	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 14000	59.8	70.6	74.7	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	62.6	73.7	78.0	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 10000	68.6	79.8	84.6	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 9000	69.1	80.3	85.1	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 8000	71.3	83.0	87.8	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 7000	71.3	83.0	87.8	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 6000	71.7	83.4	88.2	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 5000	72.6	84.6	89.3	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	73.9	85.9	90.7	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	76.1	88.6	93.3	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	77.6	90.1	95.0	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	78.9	92.0	96.9	97.4	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 2500	79.4	92.7	97.6	98.2	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 2000	79.8	93.1	98.0	98.7	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1800	79.8	93.1	98.0	98.7	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 1500	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1200	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 1000	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	80.0	93.3	98.2	98.9	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	61.4	63.7	64.1	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	68.5	75.7	79.2	79.6	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 18000	68.5	75.7	79.2	79.6	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 16000	68.5	75.7	79.2	79.6	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 14000	68.9	76.1	79.6	80.0	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	71.0	78.2	82.0	82.4	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 10000	75.7	83.5	87.7	88.5	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	76.0	83.9	88.1	88.9	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 8000	78.4	86.3	90.6	91.4	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 7000	78.5	86.4	90.7	91.5	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 6000	78.6	86.5	91.0	91.8	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 5000	79.2	87.1	91.5	92.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	79.8	87.7	92.1	92.9	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	81.1	89.3	93.8	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3500	81.8	90.4	95.4	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3000	82.7	91.3	96.3	97.8	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	82.8	91.7	96.7	98.2	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 2000	82.9	91.8	96.8	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	82.9	91.8	96.8	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	83.2	92.2	97.2	98.8	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	83.4	92.4	97.4	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.5	92.5	97.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.4	51.2	55.3	57.2	58.4	58.6	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
GE 20000	50.6	62.4	67.3	69.4	70.7	70.9	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4
GE 18000	50.7	62.5	67.4	69.5	70.8	71.0	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
GE 16000	50.7	62.6	67.4	69.6	70.9	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5
GE 14000	51.2	63.1	67.9	70.1	71.4	71.6	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 12000	52.9	65.3	70.5	72.7	74.0	74.2	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
GE 10000	56.8	69.9	75.4	77.8	79.2	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
GE 9000	57.2	70.4	75.9	78.3	79.6	79.9	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	59.5	73.0	78.7	81.1	82.5	82.7	83.0	83.0	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 7000	59.5	73.1	78.8	81.3	82.6	82.9	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.4
GE 6000	59.7	73.4	79.2	81.6	83.0	83.2	83.5	83.5	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 5000	60.7	74.6	80.5	82.9	84.3	84.5	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4500	61.3	75.2	81.0	83.5	84.9	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	62.6	76.7	82.6	85.1	86.5	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 3500	63.7	78.0	84.1	86.7	88.1	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	65.7	80.4	86.6	89.3	90.8	91.0	91.4	91.4	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 2500	66.4	81.3	87.5	90.2	91.8	92.1	92.4	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.8
GE 2000	67.2	82.3	88.6	91.3	93.0	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.9	93.9	94.0	94.0
GE 1800	67.4	82.6	88.9	91.7	93.4	93.7	94.0	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4
GE 1500	68.1	83.7	90.3	93.2	95.0	95.2	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.1	96.1
GE 1200	68.6	84.4	91.0	94.0	95.8	96.0	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 1000	68.9	84.9	91.6	94.6	96.5	96.8	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.7	97.7
GE 900	69.1	85.2	92.0	95.1	97.0	97.3	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 800	69.3	85.5	92.4	95.5	97.4	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6
GE 700	69.4	85.6	92.5	95.6	97.5	97.8	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8
GE 600	69.5	85.9	92.8	96.0	98.0	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3
GE 500	69.5	85.9	92.9	96.1	98.2	98.5	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5
GE 400	69.5	85.9	92.9	96.2	98.3	98.6	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7
GE 300	69.5	85.9	92.9	96.2	98.3	98.6	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	69.5	85.9	92.9	96.2	98.3	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.9
GE 100	69.5	85.9	92.9	96.2	98.3	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9
GE 000	69.5	85.9	92.9	96.2	98.3	98.6	99.2	99.4	99.5	99.6	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	52.2	57.8	61.3	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 20000	55.9	64.0	70.4	76.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 18000	55.9	64.0	70.4	76.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 16000	55.9	64.0	70.4	76.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	8.5
GE 14000	55.9	64.0	70.4	76.1	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	56.2	64.2	71.0	76.6	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	59.9	68.8	76.3	82.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 9000	59.9	68.8	76.3	82.3	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000	64.2	73.1	80.9	86.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 7000	64.2	73.1	80.9	86.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 6000	64.2	73.1	80.9	86.8	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	64.8	73.9	81.7	87.6	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	65.9	75.5	83.3	89.2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	66.4	76.1	83.9	89.8	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	67.2	77.4	86.3	92.5	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	68.3	78.8	87.9	94.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2500	68.3	78.8	87.9	94.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	68.3	78.8	87.9	94.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	68.3	78.8	87.9	94.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	68.3	78.8	87.9	94.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	68.3	78.8	88.4	95.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	68.5	79.0	89.2	96.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	68.5	79.0	89.5	96.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	68.5	79.0	89.5	96.2	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	68.5	79.0	89.8	96.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	68.8	79.3	90.1	96.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	69.1	79.6	90.6	97.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	69.1	79.6	90.6	97.3	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	69.1	79.6	90.6	97.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.1	79.6	90.6	97.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.1	79.6	90.6	97.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.1	79.6	90.6	97.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LSI TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.9	36.7	47.0	53.6	59.7	60.4	62.4	63.1	63.4	63.6	64.2	64.3	64.7	64.7	64.7	64.9
GE 20000	29.9	41.4	53.4	60.8	67.0	67.7	69.9	70.8	71.1	71.3	71.9	72.0	72.4	72.4	72.4	72.6
GE 18000	29.9	41.4	53.4	60.8	67.0	67.7	69.9	70.8	71.1	71.3	71.9	72.0	72.4	72.4	72.4	72.6
GE 16000	29.9	41.4	53.4	60.8	67.0	67.7	69.9	70.8	71.1	71.3	72.0	72.2	72.6	72.6	72.6	72.8
GE 14000	29.9	41.4	53.6	60.9	67.2	67.9	70.1	71.0	71.3	71.5	72.2	72.4	72.8	72.8	72.8	72.9
GE 12000	30.3	41.9	54.1	61.5	67.7	68.5	70.8	71.7	72.0	72.2	72.9	73.1	73.5	73.5	73.5	73.7
GE 10000	33.2	45.7	58.2	65.6	72.2	72.9	75.3	76.2	76.5	76.7	77.4	77.6	78.0	78.0	78.0	78.1
GE 9000	33.2	45.7	58.2	65.6	72.2	72.9	75.3	76.2	76.5	76.7	77.4	77.6	78.0	78.0	78.0	78.1
GE 8000	34.9	48.4	61.6	69.5	76.2	77.1	79.4	80.3	80.6	80.8	81.5	81.7	82.1	82.1	82.1	82.3
GE 7000	34.9	48.6	61.8	69.9	76.5	77.4	79.7	80.6	81.0	81.2	81.9	82.1	82.4	82.4	82.4	82.6
GE 6000	34.9	48.7	62.0	70.3	76.9	77.8	80.1	81.0	81.4	81.5	82.3	82.4	82.8	82.8	82.8	83.0
GE 5000	35.5	49.8	63.1	71.5	78.3	79.2	81.5	82.4	82.8	83.0	83.7	83.9	84.2	84.2	84.2	84.4
GE 4500	35.7	50.0	63.3	71.7	78.5	79.4	81.7	82.6	83.0	83.2	83.9	84.1	84.4	84.4	84.4	84.6
GE 4000	36.2	50.7	64.3	72.8	79.6	80.5	82.8	83.9	84.2	84.4	85.1	85.3	85.7	85.7	85.7	85.8
GE 3500	36.2	50.9	64.7	73.1	79.9	80.8	83.2	84.2	84.6	84.8	85.5	85.7	86.0	86.0	86.0	86.2
GE 3000	37.1	52.2	66.8	75.3	82.3	83.2	85.5	86.6	86.9	87.1	87.8	88.0	88.4	88.4	88.4	88.5
GE 2500	37.6	52.9	67.6	76.0	83.0	83.9	86.2	87.3	87.6	87.8	88.5	88.7	89.1	89.1	89.1	89.2
GE 2000	38.2	53.6	68.3	77.1	84.1	85.1	87.5	88.5	88.9	89.1	89.8	90.0	90.3	90.3	90.3	90.5
GE 1800	38.2	53.6	68.3	77.1	84.1	85.1	87.5	88.5	88.9	89.1	89.8	90.0	90.3	90.3	90.3	90.5
GE 1500	38.7	54.3	69.2	78.3	85.5	86.6	88.9	90.0	90.3	90.5	91.2	91.4	91.8	91.8	91.8	91.9
GE 1200	38.9	54.7	69.5	79.2	86.4	87.5	89.8	90.9	91.2	91.4	92.1	92.3	92.7	92.7	92.7	92.8
GE 1000	39.4	55.2	70.1	79.7	86.9	88.0	90.5	91.6	91.9	92.1	92.8	93.0	93.4	93.4	93.4	93.5
GE 900	39.6	55.6	70.6	80.6	87.8	88.9	91.6	92.7	93.0	93.2	93.9	94.1	94.4	94.4	94.4	94.6
GE 800	39.8	56.1	71.1	81.2	88.7	89.8	92.5	93.5	93.9	94.1	94.8	95.0	95.3	95.3	95.3	95.5
GE 700	40.3	56.6	71.7	81.9	89.4	90.5	93.2	94.3	94.6	94.8	95.5	95.7	96.1	96.1	96.1	96.2
GE 600	40.5	56.8	71.9	82.1	89.6	90.7	93.4	94.4	94.8	95.0	95.7	95.9	96.2	96.2	96.2	96.4
GE 500	40.9	57.2	72.2	83.2	91.2	92.3	95.0	96.1	96.4	96.6	97.3	97.5	97.8	97.8	97.8	98.0
GE 400	40.9	57.2	72.2	83.5	91.6	92.7	95.3	96.4	97.0	97.1	97.8	98.0	98.4	98.4	98.4	98.6
GE 300	40.9	57.2	72.2	83.7	91.8	92.8	95.7	97.0	97.5	97.7	98.4	98.6	98.9	98.9	98.9	99.1
GE 200	40.9	57.2	72.2	83.7	91.8	92.8	95.7	97.0	97.5	97.8	98.7	98.9	99.3	99.5	99.5	99.6
GE 100	40.9	57.2	72.2	83.7	91.8	92.8	95.7	97.0	97.5	97.8	98.7	98.9	99.3	99.5	99.5	100.0
GE 000	40.9	57.2	72.2	83.7	91.8	92.8	95.7	97.0	97.5	97.8	98.7	98.9	99.3	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 558

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.8	34.2	44.3	51.0	54.6	55.6	57.8	58.5	58.6	59.4	59.4	59.5	59.5	59.6	59.6	59.6
GE 20000	23.5	38.9	49.7	57.1	61.0	62.0	64.5	65.2	65.4	66.1	66.1	66.2	66.2	66.3	66.3	66.3
GE 18000	23.5	38.9	49.7	57.1	61.0	62.0	64.5	65.2	65.4	66.1	66.1	66.2	66.2	66.3	66.3	66.3
GE 16000	23.5	38.9	49.7	57.1	61.0	62.0	64.5	65.2	65.4	66.1	66.1	66.2	66.2	66.3	66.3	66.3
GE 14000	24.0	39.5	50.4	57.8	61.7	62.8	65.4	66.0	66.2	67.0	67.0	67.1	67.1	67.2	67.2	67.2
GE 12000	24.9	41.1	52.4	59.8	63.8	64.8	67.4	68.1	68.3	69.0	69.0	69.1	69.1	69.2	69.2	69.2
GE 10000	27.5	45.3	57.4	65.1	69.1	70.2	72.8	73.4	73.7	74.4	74.4	74.5	74.5	74.6	74.6	74.6
GE 9000	27.5	45.3	57.5	65.2	69.2	70.3	72.9	73.5	73.8	74.5	74.5	74.6	74.6	74.7	74.7	74.7
GE 8000	29.8	48.7	61.2	69.1	73.3	74.5	77.1	77.8	78.1	78.8	78.8	78.9	78.9	79.0	79.0	79.0
GE 7000	30.0	49.0	61.5	69.5	73.7	74.8	77.4	78.2	78.4	79.1	79.1	79.2	79.2	79.4	79.4	79.4
GE 6000	30.1	49.1	61.6	69.6	73.8	74.9	77.5	78.3	78.5	79.2	79.2	79.4	79.4	79.5	79.5	79.5
GE 5000	30.3	49.5	61.9	69.9	74.2	75.4	78.0	78.7	78.9	79.7	79.7	79.8	79.8	79.9	79.9	79.9
GE 4500	30.4	49.6	62.2	70.1	74.4	75.6	78.2	78.9	79.1	79.9	79.9	80.0	80.0	80.1	80.1	80.1
GE 4000	30.9	50.1	63.1	71.1	75.5	76.7	79.2	80.0	80.2	81.0	81.0	81.1	81.1	81.2	81.2	81.2
GE 3500	31.3	50.5	64.0	71.9	76.3	77.5	80.1	80.9	81.1	81.8	81.8	81.9	81.9	82.0	82.0	82.0
GE 3000	31.8	51.3	64.8	72.8	77.2	78.5	81.1	81.8	82.0	82.8	82.8	82.9	82.9	83.0	83.0	83.0
GE 2500	32.2	51.7	65.4	73.7	78.3	79.6	82.2	82.9	83.1	83.9	83.9	84.0	84.0	84.1	84.1	84.1
GE 2000	32.6	52.5	66.1	74.4	79.0	80.3	82.9	83.7	83.9	84.6	84.6	84.7	84.7	84.8	84.8	84.8
GE 1800	32.8	52.8	66.5	74.7	79.4	80.6	83.2	84.0	84.2	84.9	84.9	85.1	85.1	85.2	85.2	85.2
GE 1500	33.2	53.8	67.4	75.7	80.4	81.7	84.3	85.1	85.3	86.2	86.2	86.3	86.3	86.5	86.5	86.5
GE 1200	33.8	54.8	68.6	77.1	81.8	83.1	85.7	86.5	86.7	87.6	87.6	87.7	87.7	87.8	87.8	87.8
GE 1000	34.5	56.0	70.1	78.6	83.5	85.3	87.8	88.6	88.8	89.8	89.8	89.9	89.9	90.0	90.0	90.0
GE 900	35.2	57.2	71.4	80.0	84.9	86.7	89.4	90.1	90.3	91.3	91.3	91.4	91.4	91.5	91.5	91.5
GE 800	35.3	57.6	71.9	80.6	85.8	87.5	90.2	91.2	91.4	92.4	92.4	92.5	92.5	92.6	92.6	92.6
GE 700	35.5	58.5	73.1	82.2	87.7	89.5	92.2	93.1	93.3	94.3	94.3	94.4	94.4	94.5	94.5	94.5
GE 600	35.8	59.1	74.1	83.3	89.6	91.6	94.3	95.3	95.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8
GE 500	35.9	59.6	74.8	84.3	90.5	92.6	95.3	96.5	96.8	97.7	97.8	98.0	98.0	98.1	98.1	98.1
GE 400	36.0	59.8	75.4	84.8	91.1	93.2	95.9	97.1	97.4	98.4	98.5	98.6	98.6	98.7	98.7	98.7
GE 300	36.0	59.8	75.4	84.8	91.3	93.4	96.1	97.6	98.0	98.9	99.1	99.4	99.4	99.5	99.5	99.5
GE 200	36.0	59.8	75.4	84.8	91.3	93.4	96.1	97.6	98.1	99.0	99.2	99.5	99.6	99.7	99.7	99.8
GE 100	36.0	59.8	75.4	84.8	91.3	93.4	96.1	97.6	98.1	99.0	99.2	99.5	99.6	99.7	99.7	100.0
GE 000	36.0	59.8	75.4	84.8	91.3	93.4	96.1	97.6	98.1	99.0	99.2	99.5	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.9	49.0	53.2	55.7	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 20000	41.0	57.2	61.6	64.3	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	41.0	57.3	61.7	64.4	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	41.1	57.4	61.8	64.5	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 14000	41.5	57.8	62.3	65.1	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	43.1	60.0	64.4	67.2	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 10000	45.7	63.1	67.5	70.3	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 9000	45.7	63.1	67.5	70.3	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	48.1	66.3	70.8	73.5	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	48.4	66.7	71.1	73.9	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 6000	48.7	67.0	71.4	74.2	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	49.0	67.3	71.7	74.5	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4500	49.0	67.3	71.7	74.5	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	49.4	68.0	72.6	75.4	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	50.5	69.6	74.5	77.4	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	52.9	72.6	77.7	80.6	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2500	54.8	74.7	80.1	83.0	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	57.1	77.8	83.2	86.2	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	57.3	78.2	83.7	86.7	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	60.2	81.9	87.6	90.9	93.3	93.3	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	61.5	83.7	89.9	93.3	96.0	96.0	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	62.6	84.9	91.7	95.2	97.8	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 900	62.6	85.3	92.4	95.8	98.6	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 800	62.6	85.5	92.7	96.1	98.9	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 700	62.7	85.6	92.8	96.2	99.0	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 600	62.7	85.6	92.8	96.3	99.1	99.2	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	62.7	85.6	92.8	96.3	99.1	99.2	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	62.7	85.6	92.8	96.3	99.1	99.2	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	62.7	85.6	92.8	96.3	99.1	99.2	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	62.7	85.6	92.8	96.3	99.1	99.2	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	62.7	85.6	92.8	96.3	99.1	99.2	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	62.7	85.6	92.8	96.3	99.1	99.2	99.6	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.8	49.2	51.9	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	49.4	61.9	64.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	49.4	61.9	64.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	49.4	61.9	64.7	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	49.8	62.5	65.3	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	51.5	64.5	67.3	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	54.6	68.4	71.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	54.8	68.5	71.3	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 8000	57.2	71.1	73.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000	57.3	71.2	74.1	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	57.5	71.3	74.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	57.9	71.7	74.6	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 4500	58.0	71.8	74.9	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	59.1	73.3	76.9	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	63.2	78.1	82.1	84.8	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3000	68.7	85.4	89.6	92.3	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	71.0	88.1	92.3	95.0	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	72.1	89.7	94.0	96.8	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	72.1	89.7	94.0	96.8	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	72.4	90.1	94.3	97.1	97.6	97.8	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	72.6	90.4	94.7	97.5	98.1	98.3	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	72.6	90.4	94.7	97.7	98.3	98.5	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	72.6	90.4	94.7	97.7	98.3	98.5	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	72.6	90.4	94.7	97.7	98.3	98.5	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	72.6	90.4	94.7	97.7	98.3	98.6	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	72.7	90.5	94.9	97.9	98.5	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	72.7	90.5	94.9	97.9	98.5	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	72.7	90.5	94.9	97.9	98.5	98.8	99.4	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	72.7	90.5	94.9	97.9	98.6	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	72.7	90.5	94.9	97.9	98.6	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	72.7	90.5	94.9	97.9	98.6	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	72.7	90.5	94.9	97.9	98.6	98.9	99.5	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.0	49.0	51.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	52.2	65.8	69.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	52.3	65.9	69.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	52.4	66.1	69.7	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 14000	52.5	66.2	69.8	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	55.2	69.4	73.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 10000	59.1	73.9	78.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 9000	59.1	73.9	78.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 8000	61.8	76.7	81.1	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	61.8	76.7	81.1	82.4	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	62.0	76.9	81.3	82.6	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	62.9	78.2	82.6	83.9	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	63.6	78.9	83.5	84.9	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	64.5	80.6	85.6	87.1	87.5	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	67.0	83.5	88.8	90.5	91.0	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8
GE 3000	69.8	88.2	93.6	95.3	96.0	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 2500	70.4	88.8	94.4	96.2	97.0	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 2000	71.1	89.9	95.4	97.3	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1800	71.1	89.9	95.4	97.3	98.2	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9
GE 1500	71.4	90.1	95.7	97.5	98.5	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 1200	71.6	90.3	95.9	97.7	98.7	98.8	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 1000	71.7	90.5	96.0	97.8	98.8	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 900	71.7	90.5	96.0	97.8	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 800	71.7	90.5	96.0	97.8	98.8	98.9	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 700	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	71.7	90.5	96.0	97.8	98.8	98.9	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.8	46.6	50.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	52.9	67.0	71.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 18000	53.1	67.1	71.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	53.1	67.1	71.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	53.6	68.0	72.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	56.4	71.2	76.1	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	61.4	77.2	82.6	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 9000	61.5	77.5	82.8	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 8000	64.2	80.3	85.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 7000	64.3	80.4	85.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 6000	64.4	80.5	85.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 5000	65.3	81.7	87.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 4500	66.2	82.7	88.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	67.4	84.1	89.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	69.0	85.9	91.9	94.2	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	69.9	87.5	93.6	95.9	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	70.3	88.0	94.4	96.8	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	70.8	88.7	95.2	97.6	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	71.0	88.9	95.4	97.8	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	71.2	89.2	95.8	98.3	99.1	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	71.2	89.2	95.8	98.3	99.1	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	71.2	89.2	95.9	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	71.2	89.2	95.9	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	71.2	89.2	95.9	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	71.2	89.2	95.9	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	71.2	89.2	95.9	98.4	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	71.2	89.2	95.9	98.4	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.2	89.2	95.9	98.4	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.2	89.2	95.9	98.4	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.2	89.2	95.9	98.4	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.2	89.2	95.9	98.4	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.2	89.2	95.9	98.4	99.3	99.3	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	55.8	59.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	60.6	71.9	76.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 18000	60.6	71.9	76.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 16000	60.6	71.9	76.5	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 14000	60.6	72.1	76.7	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	63.6	75.5	80.1	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 10000	66.3	78.8	83.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 9000	66.7	79.2	84.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 8000	69.7	82.1	87.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 7000	69.7	82.1	87.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 6000	69.7	82.3	87.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 5000	70.5	83.2	88.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	71.2	83.9	89.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	71.6	84.6	90.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	73.2	86.6	92.3	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 3000	74.0	87.8	93.5	96.3	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	74.3	88.1	93.8	96.6	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	74.6	88.4	94.0	96.9	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	74.6	88.4	94.0	96.9	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	75.2	89.3	95.0	97.8	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	75.2	89.3	95.0	97.8	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	75.4	89.6	95.3	98.1	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	75.4	89.6	95.3	98.1	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	75.4	89.6	95.3	98.1	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	75.4	89.6	95.3	98.1	99.6	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	75.5	89.7	95.4	98.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	75.5	89.7	95.4	98.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	75.5	89.7	95.4	98.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	75.5	89.7	95.4	98.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	75.5	89.7	95.4	98.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	75.5	89.7	95.4	98.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	75.5	89.7	95.4	98.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 739

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.4	46.4	51.6	54.5	56.0	56.2	56.7	56.9	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2
GE 20000	45.2	58.6	64.5	67.9	69.6	69.8	70.4	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 18000	45.3	58.6	64.5	67.9	69.6	69.8	70.4	70.6	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9
GE 16000	45.3	58.7	64.6	68.0	69.7	69.9	70.5	70.6	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0
GE 14000	45.6	59.1	65.0	68.4	70.2	70.4	71.0	71.2	71.2	71.3	71.4	71.4	71.5	71.5	71.5	71.5
GE 12000	47.4	61.4	67.4	70.8	72.5	72.8	73.4	73.6	73.6	73.7	73.8	73.8	73.9	73.9	73.9	73.9
GE 10000	50.7	65.5	71.9	75.5	77.3	77.5	78.1	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	50.8	65.6	72.0	75.6	77.4	77.6	78.2	78.4	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.8
GE 8000	53.4	68.6	75.2	79.0	80.8	81.1	81.7	81.9	82.0	82.1	82.2	82.2	82.2	82.3	82.3	82.3
GE 7000	53.5	68.8	75.4	79.1	81.0	81.3	81.9	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	53.6	68.9	75.6	79.3	81.2	81.4	82.1	82.3	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6
GE 5000	54.2	69.7	76.3	80.1	82.0	82.3	82.9	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5
GE 4500	54.6	70.2	76.9	80.8	82.7	82.9	83.6	83.8	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1
GE 4000	55.4	71.2	78.2	82.2	84.1	84.3	85.0	85.2	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.6
GE 3500	57.0	73.2	80.6	84.6	86.7	86.9	87.7	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.3	88.3
GE 3000	59.1	76.1	83.7	87.7	89.9	90.2	91.0	91.2	91.3	91.4	91.5	91.5	91.6	91.6	91.6	91.6
GE 2500	59.9	77.2	84.9	89.0	91.2	91.5	92.3	92.5	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9
GE 2000	60.8	78.3	86.0	90.2	92.5	92.8	93.6	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.3
GE 1800	60.9	78.5	86.2	90.4	92.7	93.0	93.8	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4
GE 1500	61.6	79.5	87.2	91.5	93.9	94.2	95.0	95.3	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8
GE 1200	61.9	80.0	87.9	92.3	94.7	95.0	95.9	96.1	96.2	96.4	96.5	96.6	96.6	96.6	96.6	96.6
GE 1000	62.3	80.5	88.5	93.0	95.4	95.8	96.7	96.9	97.0	97.3	97.3	97.4	97.4	97.5	97.5	97.5
GE 900	62.4	80.7	88.9	93.4	95.8	96.2	97.1	97.4	97.5	97.7	97.8	97.9	97.9	97.9	97.9	98.0
GE 800	62.4	80.9	89.1	93.6	96.1	96.5	97.4	97.7	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2
GE 700	62.5	81.0	89.3	93.9	96.4	96.9	97.8	98.1	98.2	98.4	98.5	98.6	98.6	98.6	98.6	98.6
GE 600	62.7	81.2	89.5	94.2	96.8	97.3	98.2	98.5	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 500	62.7	81.3	89.7	94.4	97.1	97.6	98.5	98.9	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5
GE 400	62.7	81.4	89.8	94.5	97.3	97.7	98.7	99.0	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.7
GE 300	62.7	81.4	89.8	94.6	97.3	97.8	98.8	99.2	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	62.7	81.4	89.8	94.6	97.3	97.8	98.8	99.2	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9
GE 100	62.7	81.4	89.8	94.6	97.3	97.8	98.8	99.2	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0
GE 000	62.7	81.4	89.8	94.6	97.3	97.8	98.8	99.2	99.3	99.6	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6295

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.8	57.4	66.9	70.1	72.3	72.3	72.5	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 20000	52.9	65.4	78.1	81.9	84.1	84.1	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 18000	52.9	65.4	78.1	81.9	84.1	84.1	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 16000	52.9	65.4	78.1	81.9	84.1	84.1	84.3	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 14000	53.3	65.8	78.5	82.4	84.5	84.5	84.7	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 12000	54.4	66.9	79.6	83.4	85.6	85.6	85.8	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 10000	57.6	71.2	84.3	88.2	90.3	90.3	90.5	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 9000	57.6	71.2	84.3	88.2	90.3	90.3	90.5	90.5	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 8000	59.1	72.7	86.0	89.9	92.0	92.0	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 7000	59.1	72.7	86.0	89.9	92.0	92.0	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 6000	59.1	72.7	86.0	89.9	92.0	92.0	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 5000	59.4	72.9	86.2	90.1	92.3	92.3	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	59.4	72.9	86.2	90.1	92.3	92.3	92.5	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 4000	59.6	73.3	86.9	90.8	92.9	92.9	93.1	93.1	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3500	59.6	73.3	87.1	91.0	93.1	93.1	93.3	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	59.6	73.3	87.7	92.0	94.2	94.2	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	59.8	73.5	88.0	92.3	94.4	94.4	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	60.9	74.8	89.2	93.5	95.7	95.7	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	60.9	74.8	89.2	93.5	95.7	95.7	95.9	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	61.1	75.1	89.5	93.8	95.9	95.9	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	61.1	75.3	89.7	94.0	96.1	96.1	96.3	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	61.7	75.9	90.3	94.6	96.8	96.8	97.0	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	61.7	76.3	90.8	95.1	97.2	97.2	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	61.9	76.8	91.4	95.7	97.8	97.8	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	62.2	77.0	91.6	96.1	98.3	98.3	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	62.2	77.4	92.0	96.6	98.9	98.9	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	62.4	77.6	92.3	96.8	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	62.4	77.6	92.3	96.8	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	62.4	77.6	92.3	96.8	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	62.4	77.6	92.3	96.8	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	62.4	77.6	92.3	96.8	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	62.4	77.6	92.3	96.8	99.4	99.4	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 465

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.5	39.4	49.8	56.5	64.4	66.1	68.1	68.9	69.7	70.5	70.5	70.5	70.5	70.5	70.6	71.0
GE 20000	31.1	42.3	53.9	61.0	69.2	71.0	72.9	73.7	74.5	75.3	75.3	75.3	75.3	75.3	75.5	75.8
GE 18000	31.1	42.3	53.9	61.0	69.2	71.0	72.9	73.7	74.5	75.3	75.3	75.3	75.3	75.3	75.5	75.8
GE 16000	31.1	42.3	53.9	61.0	69.2	71.0	72.9	73.7	74.5	75.3	75.3	75.3	75.3	75.3	75.5	75.8
GE 14000	31.5	42.6	54.2	61.5	69.7	71.5	73.4	74.2	75.0	75.8	75.8	75.8	75.8	75.8	76.0	76.3
GE 12000	32.3	43.5	55.2	62.4	70.6	72.4	74.4	75.2	76.0	76.8	76.8	76.8	76.8	76.8	76.9	77.3
GE 10000	34.7	46.9	58.9	67.1	76.1	77.9	80.0	81.0	81.8	82.6	82.6	82.6	82.6	82.6	82.7	83.1
GE 9000	34.7	46.9	58.9	67.1	76.1	77.9	80.0	81.0	81.8	82.6	82.6	82.6	82.6	82.6	82.7	83.1
GE 8000	36.5	48.7	61.0	69.4	78.5	80.3	82.4	83.4	84.2	85.0	85.0	85.0	85.0	85.0	85.2	85.5
GE 7000	36.6	48.9	61.3	69.8	79.0	80.8	82.9	83.9	84.7	85.5	85.5	85.5	85.5	85.5	85.6	86.0
GE 6000	36.9	49.2	61.6	70.2	79.4	81.1	83.4	84.4	85.2	86.0	86.0	86.0	86.0	86.0	86.1	86.5
GE 5000	36.9	49.2	61.6	70.3	79.5	81.3	83.7	84.7	85.5	86.3	86.3	86.3	86.3	86.3	86.5	86.8
GE 4500	37.3	49.5	61.9	70.6	79.8	81.6	84.0	85.0	85.8	86.6	86.6	86.6	86.6	86.6	86.8	87.1
GE 4000	37.6	49.8	62.3	71.1	80.5	82.3	84.7	85.6	86.5	87.3	87.3	87.3	87.3	87.3	87.4	87.7
GE 3500	37.6	49.8	62.4	71.3	80.6	82.4	84.8	85.8	86.6	87.4	87.4	87.4	87.4	87.4	87.6	87.9
GE 3000	37.7	50.2	63.1	72.1	81.8	83.5	86.0	86.9	87.7	88.5	88.5	88.5	88.5	88.5	88.7	89.0
GE 2500	37.9	50.3	63.2	72.4	82.1	84.0	86.5	87.4	88.2	89.0	89.0	89.0	89.0	89.0	89.2	89.5
GE 2000	38.2	50.8	63.9	73.4	83.1	85.0	87.4	88.4	89.2	90.0	90.0	90.0	90.0	90.0	90.2	90.5
GE 1800	38.2	50.8	63.9	73.5	83.2	85.2	87.6	88.5	89.4	90.2	90.2	90.2	90.2	90.2	90.3	90.6
GE 1500	38.7	51.3	64.4	74.4	84.0	86.0	88.4	89.4	90.2	91.0	91.0	91.0	91.0	91.0	91.1	91.5
GE 1200	38.9	51.5	65.0	75.0	84.7	86.6	89.2	90.2	91.0	91.8	91.8	91.8	91.8	91.8	91.9	92.3
GE 1000	39.0	51.8	65.3	75.5	85.2	87.1	89.7	90.6	91.5	92.3	92.3	92.3	92.3	92.3	92.4	92.7
GE 900	39.0	52.6	66.1	76.5	86.3	88.2	90.8	91.8	92.6	93.4	93.4	93.4	93.4	93.4	93.5	93.9
GE 800	39.4	53.1	66.6	77.1	86.9	88.9	91.5	92.4	93.2	94.0	94.0	94.0	94.0	94.0	94.2	94.5
GE 700	39.7	53.4	67.3	78.1	87.9	89.8	92.6	93.5	94.4	95.2	95.2	95.2	95.2	95.2	95.3	95.6
GE 600	40.0	53.7	67.7	78.5	88.5	90.5	93.2	94.2	95.0	95.8	95.8	95.8	95.8	95.8	96.0	96.3
GE 500	40.0	53.9	68.2	79.2	89.4	91.5	94.4	95.3	96.3	97.1	97.1	97.1	97.1	97.1	97.3	97.6
GE 400	40.0	53.9	68.5	79.5	89.7	91.8	94.7	95.6	96.6	97.4	97.4	97.4	97.4	97.4	97.6	97.9
GE 300	40.0	53.9	68.5	79.5	89.8	91.9	94.8	95.8	96.8	97.6	97.6	97.6	97.7	97.9	98.1	98.4
GE 200	40.0	53.9	68.7	79.7	90.0	92.1	95.3	96.3	97.3	98.1	98.1	98.1	98.2	98.4	98.5	99.0
GE 100	40.0	53.9	68.7	79.7	90.0	92.1	95.3	96.3	97.3	98.2	98.2	98.2	98.5	99.0	99.4	100.0
GE 000	40.0	53.9	68.7	79.7	90.0	92.1	95.3	96.3	97.3	98.2	98.2	98.2	98.5	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 620



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4
NO CEIL	23.2	33.5	42.0	48.4	55.1	56.5	58.8	60.3	61.0	61.4	61.4	61.4	61.4	61.6	61.6
GE 20000	25.9	36.8	45.6	52.6	59.5	60.9	63.2	64.7	65.4	65.8	65.8	65.8	65.8	66.0	66.0
GE 18000	25.9	36.8	45.6	52.6	59.5	60.9	63.2	64.7	65.4	65.8	65.8	65.8	65.8	66.0	66.0
GE 16000	25.9	36.8	45.6	52.6	59.5	60.9	63.2	64.7	65.4	65.8	65.8	65.8	65.8	66.0	66.0
GE 14000	26.0	36.9	45.7	52.7	59.6	61.0	63.3	64.8	65.5	65.9	65.9	65.9	65.9	66.1	66.1
GE 12000	27.3	38.3	47.1	54.1	61.2	62.6	65.1	66.6	67.2	67.6	67.6	67.6	67.6	67.8	67.8
GE 10000	29.8	41.7	51.2	58.9	66.6	68.0	70.4	71.9	72.6	73.0	73.0	73.0	73.0	73.2	73.2
GE 9000	30.1	42.2	51.6	59.4	67.1	68.5	71.0	72.5	73.1	73.5	73.5	73.5	73.5	73.8	73.8
GE 8000	32.4	44.8	54.9	63.2	71.0	72.4	74.9	76.5	77.1	77.5	77.5	77.5	77.5	77.7	77.7
GE 7000	32.5	45.1	55.2	63.4	71.3	72.7	75.5	77.0	77.6	78.1	78.1	78.1	78.1	78.3	78.3
GE 6000	32.6	45.3	55.4	63.8	71.8	73.2	76.1	77.6	78.3	78.7	78.7	78.7	78.7	78.9	78.9
GE 5000	32.9	45.6	55.9	64.3	72.4	73.8	76.7	78.2	78.8	79.2	79.2	79.2	79.2	79.5	79.5
GE 4500	33.1	45.8	56.1	64.6	72.7	74.1	77.0	78.5	79.1	79.6	79.6	79.6	79.6	79.8	79.8
GE 4000	33.5	46.2	56.6	65.1	73.1	74.5	77.5	79.0	79.7	80.1	80.1	80.1	80.1	80.3	80.3
GE 3500	33.9	46.6	57.0	65.5	73.5	74.9	78.0	79.5	80.1	80.5	80.5	80.5	80.5	80.8	80.8
GE 3000	34.6	47.4	58.0	66.5	74.7	76.1	79.1	80.6	81.3	81.7	81.7	81.7	81.7	81.9	81.9
GE 2500	35.1	48.2	58.7	67.2	75.5	76.9	80.0	81.5	82.2	82.7	82.7	82.7	82.7	82.9	82.9
GE 2000	35.6	49.2	59.8	68.3	76.6	78.0	81.2	82.7	83.3	83.9	83.9	83.9	83.9	84.1	84.1
GE 1800	35.6	49.2	59.8	68.4	76.7	78.1	81.3	82.8	83.4	84.0	84.0	84.0	84.0	84.2	84.2
GE 1500	35.1	50.3	60.9	69.9	78.2	79.6	82.8	84.3	84.9	85.5	85.6	85.6	85.6	85.8	85.8
GE 1200	37.2	51.6	62.4	71.7	80.2	81.6	84.8	86.3	87.0	87.5	87.6	87.6	87.6	87.8	87.8
GE 1000	37.8	52.6	63.8	73.3	81.8	83.2	86.5	88.0	88.6	89.1	89.2	89.2	89.2	89.5	89.5
GE 900	38.6	53.8	65.6	75.2	84.0	85.4	88.7	90.2	91.0	91.5	91.6	91.6	91.6	91.8	91.8
GE 800	38.7	54.0	66.1	75.8	84.7	86.1	89.5	91.0	91.7	92.3	92.4	92.4	92.4	92.6	92.6
GE 700	38.9	54.3	66.6	76.6	85.6	87.0	90.4	91.9	92.7	93.2	93.3	93.3	93.3	93.5	93.5
GE 600	39.5	55.2	67.8	78.2	87.7	89.2	92.7	94.2	94.9	95.5	95.6	95.6	95.6	95.8	95.8
GE 500	39.7	55.6	68.3	78.6	88.2	89.8	93.4	95.2	95.9	96.5	96.6	96.6	96.6	96.8	96.8
GE 400	39.7	55.6	68.3	78.7	88.6	90.2	94.2	96.1	96.9	97.4	97.5	97.5	97.5	97.7	97.7
GE 300	39.7	55.6	68.3	78.7	88.8	90.4	94.6	96.7	97.4	98.3	98.4	98.5	98.5	98.7	98.7
GE 200	39.7	55.6	68.3	78.7	88.9	90.5	94.7	96.8	97.6	98.5	98.7	98.9	99.0	99.5	99.5
GE 100	39.7	55.6	68.3	78.7	88.9	90.5	94.7	96.8	97.6	98.5	98.7	99.0	99.2	99.8	100.0
GE 000	39.7	55.6	68.3	78.7	88.9	90.5	94.7	96.8	97.6	98.5	98.7	99.0	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	49.2	55.6	59.9	60.9	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 20000	42.0	55.8	62.6	67.0	68.0	68.3	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 18000	42.2	55.9	62.7	67.1	68.1	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 16000	42.2	55.9	62.7	67.1	68.1	68.4	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	42.8	56.6	63.3	67.7	68.7	69.0	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 1200	44.4	58.2	64.9	69.4	70.4	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	4	62.3	69.5	74.1	75.3	75.6	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	48.7	63.1	70.3	74.9	76.1	76.5	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	50.5	65.5	72.7	77.3	78.5	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	50.5	65.8	73.0	77.6	78.8	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	50.6	65.9	73.2	78.0	79.1	79.5	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	51.1	66.5	73.8	78.5	79.7	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	51.1	66.5	73.8	78.5	79.7	80.0	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4000	51.4	67.0	74.6	79.4	80.5	80.9	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3500	53.2	69.0	76.7	81.4	82.6	82.9	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	56.2	72.3	80.0	85.1	86.2	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	57.2	73.5	81.3	86.3	87.5	87.8	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	59.2	75.9	83.9	88.9	90.1	90.4	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	59.5	76.1	84.1	89.2	90.6	91.0	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	60.5	77.8	85.9	91.1	92.5	92.8	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	62.2	80.1	88.7	94.0	95.4	95.7	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	62.4	80.6	89.8	95.3	96.7	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	62.9	81.6	90.8	96.2	97.6	98.1	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	63.0	81.8	91.0	96.5	98.0	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	63.1	81.9	91.2	96.7	98.2	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	63.1	81.9	91.4	97.0	98.5	98.9	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	63.1	81.9	91.4	97.0	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.1	81.9	91.4	97.0	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.1	81.9	91.4	97.0	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.1	81.9	91.4	97.0	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.1	81.9	91.4	97.0	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	63.1	81.9	91.4	97.0	98.5	98.9	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.5	50.3	53.9	55.9	56.1	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	48.9	62.0	66.1	68.4	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	49.1	62.3	66.3	68.6	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 16000	49.1	62.3	66.3	68.6	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 14000	50.0	63.1	67.2	69.5	69.7	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	51.4	64.8	69.4	71.9	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 10000	55.3	68.9	73.5	76.1	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	56.5	70.1	74.7	77.3	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	57.8	72.0	76.7	79.2	79.5	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	58.0	72.5	77.1	79.7	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	58.0	72.7	77.3	79.9	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	58.4	73.3	78.0	80.5	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 4500	58.7	73.9	78.5	81.1	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	60.0	75.5	80.2	82.9	83.2	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 3500	62.9	78.7	83.4	86.1	86.7	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	68.6	85.6	90.9	93.5	94.2	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	69.9	87.0	92.3	94.9	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	70.3	87.5	92.9	95.6	96.2	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1800	70.4	87.8	93.2	96.0	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	71.1	88.5	93.9	96.7	97.3	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	71.6	89.1	94.5	97.4	98.1	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	71.7	89.4	94.7	97.6	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	71.7	89.4	94.7	97.6	98.3	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	71.8	89.5	94.8	97.7	98.5	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	71.9	89.6	94.9	98.2	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	71.9	89.6	94.9	98.3	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.9	89.6	94.9	98.3	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.9	89.6	94.9	98.3	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.9	89.6	94.9	98.3	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.9	89.6	94.9	98.3	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.9	89.6	94.9	98.3	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.9	89.6	94.9	98.3	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.2	44.7	48.9	50.6	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 20000	48.8	62.5	67.5	69.7	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 18000	49.0	62.7	67.7	69.9	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 16000	49.0	62.7	67.7	69.9	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 14000	49.7	63.3	68.4	70.5	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	51.7	66.1	71.4	74.0	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 10000	57.6	72.3	77.7	80.4	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 9000	58.0	72.6	78.1	80.8	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 8000	60.9	76.0	81.7	84.4	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 7000	61.0	76.1	81.8	84.5	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	61.0	76.1	81.8	84.5	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	61.6	76.8	82.5	85.2	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	61.9	77.3	83.1	85.8	86.6	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4000	63.4	79.1	85.2	87.8	88.8	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	65.4	81.9	88.1	90.9	92.3	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 3000	67.5	84.5	90.8	93.7	95.3	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 2500	68.5	85.5	91.7	94.6	96.3	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5
GE 2000	68.9	86.1	92.4	95.4	97.1	97.4	98.0	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.4	98.4
GE 1800	68.9	86.1	92.5	95.6	97.3	97.6	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6
GE 1500	69.2	86.5	92.8	95.9	97.6	98.0	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9
GE 1200	69.7	86.9	93.2	96.3	98.1	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.4	99.4
GE 1000	69.9	87.1	93.4	96.6	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6
GE 900	69.9	87.1	93.4	96.6	98.3	98.6	99.1	99.1	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6
GE 800	70.1	87.3	93.7	96.8	98.5	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.8	99.9	99.9
GE 700	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0
GE 600	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0
GE 500	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0
GE 400	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0
GE 300	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0
GE 200	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0
GE 100	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	70.2	87.4	93.8	96.9	98.6	98.9	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.5	44.6	49.8	52.2	52.4	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	51.9	64.4	70.9	74.1	74.3	74.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000	51.9	64.4	70.9	74.1	74.3	74.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	51.9	64.4	70.9	74.1	74.3	74.3	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 14000	53.0	65.5	72.0	75.2	75.4	75.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	56.0	68.9	75.7	79.0	79.2	79.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	61.7	75.3	82.3	85.7	86.4	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 9000	61.8	75.4	82.4	85.8	86.5	86.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 8000	64.3	78.1	85.2	88.7	89.4	89.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 7000	64.3	78.1	85.2	88.7	89.4	89.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 6000	64.3	78.1	85.2	88.7	89.4	89.4	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 5000	64.5	78.6	85.8	89.2	90.0	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4500	65.0	79.3	86.5	90.1	90.8	90.8	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	66.6	80.9	88.3	92.1	93.0	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	67.7	83.3	90.9	94.7	95.6	95.6	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	68.5	84.4	92.1	96.0	96.9	96.9	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	68.7	84.7	92.4	96.3	97.2	97.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	69.3	85.2	93.0	96.9	97.7	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	69.3	85.2	93.0	96.9	97.7	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	69.5	85.4	93.2	97.1	98.0	98.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	69.7	85.7	93.4	97.3	98.2	98.2	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	69.8	85.8	93.5	97.4	98.3	98.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	69.8	85.8	93.5	97.4	98.3	98.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	69.8	85.8	93.5	97.4	98.3	98.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	69.8	85.9	93.6	97.5	98.4	98.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	69.8	85.9	93.7	97.6	98.5	98.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	69.8	85.9	93.7	97.6	98.5	98.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	69.8	85.9	93.7	97.6	98.6	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.8	85.9	93.7	97.6	98.6	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.8	85.9	93.7	97.6	98.6	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.8	85.9	93.7	97.6	98.6	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.8	85.9	93.7	97.6	98.6	98.6	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.7	58.7	63.6	65.8	66.0	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 20000	59.9	70.8	77.6	81.0	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 18000	59.9	70.8	77.6	81.0	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 16000	59.9	70.8	77.6	81.0	81.3	81.3	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 14000	60.3	71.2	78.0	81.4	81.7	81.7	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 12000	61.2	72.2	79.2	82.7	82.9	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 10000	65.2	77.1	84.4	88.1	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	65.4	77.3	84.5	88.2	88.5	88.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 8000	67.4	79.3	86.6	90.3	90.8	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 7000	67.7	79.6	86.8	90.6	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 6000	67.8	79.7	87.0	90.7	91.2	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 5000	68.6	80.6	88.1	91.9	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4500	68.7	81.0	88.5	92.2	92.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	69.8	82.2	89.8	93.5	94.1	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500	70.5	83.3	91.2	95.0	95.6	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	71.1	84.2	92.4	96.3	96.9	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	71.1	84.4	92.6	96.5	97.2	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	71.8	85.1	93.5	97.4	98.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	71.8	85.1	93.5	97.4	98.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	71.8	85.1	93.5	97.4	98.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	71.8	85.1	93.5	97.4	98.1	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	72.2	85.5	93.9	97.8	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	72.2	85.5	93.9	97.8	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	72.2	85.5	93.9	97.8	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	72.5	85.8	94.2	98.1	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	72.5	85.8	94.2	98.1	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	72.5	85.8	94.2	98.1	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	72.5	85.8	94.2	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.5	85.8	94.2	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.5	85.8	94.2	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.5	85.8	94.2	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.5	85.8	94.2	98.1	99.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 774

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	46.6	52.8	56.4	58.5	59.0	59.8	60.1	60.3	60.4	60.4	60.4	60.4	60.5	60.5	60.5
GE 20000	45.0	57.3	64.6	68.7	70.9	71.4	72.2	72.5	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	45.0	57.4	64.7	68.8	71.0	71.5	72.3	72.6	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.0
GE 16000	45.0	57.4	64.7	68.8	71.0	71.5	72.3	72.6	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.0
GE 14000	45.6	58.0	65.3	69.4	71.6	72.1	72.9	73.2	73.4	73.5	73.5	73.5	73.5	73.6	73.6	73.6
GE 12000	47.2	59.9	67.3	71.5	73.8	74.3	75.1	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 10000	51.2	64.5	72.3	76.8	79.3	79.8	80.7	81.0	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4
GE 9000	51.6	64.9	72.7	77.2	79.8	80.2	81.1	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 8000	53.7	67.3	75.3	79.9	82.5	83.0	83.9	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 7000	53.8	67.5	75.5	80.1	82.8	83.2	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9
GE 6000	53.9	67.7	75.6	80.3	83.0	83.4	84.4	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.2
GE 5000	54.3	68.2	76.2	80.9	83.5	84.0	85.0	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8
GE 4500	54.5	68.5	76.6	81.3	84.0	84.4	85.4	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.2
GE 4000	55.4	69.6	77.8	82.6	85.3	85.8	87.0	87.3	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7
GE 3500	56.7	71.3	79.6	84.4	87.2	87.8	88.9	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 3000	58.5	73.5	82.1	87.0	89.9	90.5	91.6	92.0	92.2	92.3	92.3	92.3	92.3	92.4	92.4	92.4
GE 2500	59.1	74.2	82.8	87.7	90.7	91.3	92.4	92.8	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.3
GE 2000	59.9	75.2	83.9	88.8	91.8	92.4	93.5	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 1800	59.9	75.3	84.0	89.0	92.0	92.6	93.7	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.6	94.6
GE 1500	60.4	75.9	84.6	89.7	92.7	93.3	94.5	94.8	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 1200	60.9	76.6	85.5	90.7	93.7	94.3	95.5	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4
GE 1000	61.2	77.0	86.0	91.3	94.4	94.9	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 900	61.4	77.4	86.5	91.9	94.9	95.5	96.7	97.1	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.6
GE 800	61.5	77.6	86.8	92.1	95.3	95.8	97.0	97.4	97.6	97.8	97.8	97.8	97.8	97.9	97.9	98.0
GE 700	61.7	77.8	87.0	92.5	95.7	96.2	97.5	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 600	61.8	78.0	87.3	92.9	96.2	96.8	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9
GE 500	61.9	78.1	87.5	93.0	96.3	97.0	98.3	98.7	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2
GE 400	61.9	78.1	87.5	93.1	96.5	97.1	98.5	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.5
GE 300	61.9	78.1	87.5	93.1	96.5	97.2	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.7
GE 200	61.9	78.1	87.5	93.1	96.6	97.2	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.8	99.8	99.8
GE 100	61.9	78.1	87.5	93.1	96.6	97.2	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.9	99.9	100.0
GE 000	61.9	78.1	87.5	93.1	96.6	97.2	98.6	99.0	99.3	99.6	99.6	99.6	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	58.9	68.9	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 20000	54.4	62.5	73.3	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 18000	54.4	62.5	73.3	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 16000	54.4	62.5	73.3	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	54.4	62.5	73.3	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	54.4	63.1	74.2	76.4	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	57.2	66.1	77.8	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 9000	57.2	66.1	77.8	80.3	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	58.1	67.2	78.9	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 7000	58.1	67.2	78.9	81.4	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	58.9	68.1	79.7	82.2	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	60.6	69.7	81.4	84.2	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	60.6	69.7	81.4	84.4	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	61.1	70.6	82.2	85.6	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	61.7	71.1	83.1	86.4	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	63.1	72.5	85.0	88.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	63.1	72.5	85.0	88.6	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	63.3	73.1	85.6	89.7	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	63.3	73.1	85.6	89.7	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	63.9	74.4	86.9	91.4	92.8	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	64.4	75.0	87.5	92.2	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1000	64.7	75.3	88.1	93.1	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	64.7	75.3	88.1	93.1	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 800	64.7	75.3	88.1	93.1	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	64.7	75.3	88.1	93.1	94.4	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	64.7	75.3	88.1	93.3	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	65.0	75.8	88.9	94.7	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	65.0	75.8	88.9	94.7	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	65.0	75.8	88.9	94.7	98.3	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	65.0	75.8	88.9	94.7	98.3	98.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	65.0	75.8	88.9	94.7	98.3	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.0	75.8	88.9	94.7	98.3	98.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 360



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	43.0	53.1	61.1	63.9	64.4	66.5	67.2	67.4	68.0	68.0	68.1	68.3	68.3	68.3	68.5
GE 20000	35.9	45.2	56.5	64.4	67.2	67.8	69.8	70.6	70.7	71.3	71.3	71.5	71.7	71.7	71.7	71.9
GE 18000	35.9	45.2	56.5	64.4	67.2	67.8	69.8	70.6	70.7	71.3	71.3	71.5	71.7	71.7	71.7	71.9
GE 16000	35.9	45.2	56.5	64.4	67.2	67.8	69.8	70.7	70.9	71.5	71.5	71.7	71.9	71.9	71.9	72.0
GE 14000	35.9	45.2	56.5	64.4	67.2	67.8	69.8	70.7	70.9	71.5	71.5	71.7	71.9	71.9	71.9	72.0
GE 12000	36.1	46.1	58.0	66.1	68.9	69.4	71.7	72.6	72.8	73.3	73.3	73.5	73.7	73.7	73.7	73.9
GE 10000	38.1	48.5	60.6	68.9	71.7	72.2	74.4	75.4	75.6	76.1	76.1	76.3	76.5	76.5	76.5	76.7
GE 9000	38.3	48.7	60.7	69.1	71.9	72.4	74.6	75.6	75.7	76.3	76.3	76.5	76.7	76.7	76.7	76.9
GE 8000	39.3	50.0	62.0	70.4	73.1	73.7	75.9	76.9	77.0	77.6	77.6	77.8	78.0	78.0	78.0	78.1
GE 7000	39.3	50.0	62.0	70.4	73.1	73.7	75.9	76.9	77.0	77.6	77.6	77.8	78.0	78.0	78.0	78.1
GE 6000	39.6	50.4	62.4	70.7	73.5	74.1	76.3	77.2	77.4	78.0	78.0	78.1	78.3	78.3	78.3	78.5
GE 5000	40.7	51.5	63.7	72.0	74.8	75.4	77.6	78.5	78.7	79.3	79.3	79.4	79.6	79.6	79.6	79.8
GE 4500	40.7	51.5	63.7	72.0	75.0	75.6	77.8	78.7	78.9	79.4	79.4	79.6	79.8	79.8	79.8	80.0
GE 4000	41.7	52.4	64.8	73.3	76.9	77.4	79.6	80.6	80.7	81.3	81.3	81.5	81.7	81.7	81.7	81.9
GE 3500	41.7	52.4	65.0	73.5	77.0	77.6	79.8	80.7	80.9	81.5	81.5	81.7	81.9	81.9	81.9	82.0
GE 3000	43.5	54.4	67.4	76.1	79.6	80.2	82.4	83.3	83.5	84.1	84.1	84.3	84.4	84.4	84.4	84.6
GE 2500	43.5	54.4	67.6	76.5	80.2	80.7	83.0	83.9	84.1	84.6	84.6	84.8	85.0	85.0	85.0	85.2
GE 2000	43.5	54.4	67.6	76.7	80.4	80.9	83.1	84.1	84.3	84.8	84.8	85.0	85.2	85.2	85.2	85.4
GE 1800	43.7	54.6	67.8	76.9	80.6	81.1	83.3	84.3	84.4	85.0	85.0	85.2	85.4	85.4	85.4	85.6
GE 1500	44.4	56.3	69.6	78.7	82.4	83.0	85.2	86.3	86.5	87.0	87.0	87.2	87.4	87.4	87.4	87.6
GE 1200	46.1	58.1	71.5	80.7	84.8	85.4	87.6	88.7	88.9	89.4	89.4	89.6	89.8	89.8	89.8	90.0
GE 1000	46.3	58.3	71.9	81.1	85.2	85.9	88.1	89.3	89.4	90.0	90.0	90.2	90.4	90.4	90.4	90.6
GE 900	46.3	58.5	72.0	81.9	86.7	87.4	89.6	90.7	90.9	91.5	91.5	91.7	91.9	91.9	91.9	92.0
GE 800	46.3	58.5	72.0	81.9	86.9	87.6	89.8	91.1	91.3	91.9	91.9	92.0	92.2	92.2	92.2	92.4
GE 700	46.5	58.9	72.6	82.4	87.8	88.5	91.1	92.4	92.6	93.1	93.1	93.3	93.5	93.5	93.5	93.7
GE 600	46.5	58.9	72.8	83.0	88.3	89.1	91.7	93.0	93.1	93.7	93.7	93.9	94.1	94.1	94.1	94.3
GE 500	46.7	59.6	74.1	84.4	90.4	91.1	93.7	95.4	95.6	96.1	96.1	96.3	96.5	96.5	96.5	96.7
GE 400	46.7	59.8	74.3	84.6	90.7	91.5	94.3	95.9	96.1	96.7	96.7	96.9	97.0	97.0	97.0	97.2
GE 300	46.7	59.8	74.3	85.0	91.1	91.9	94.8	96.9	97.0	97.6	97.6	97.8	98.0	98.0	98.0	98.1
GE 200	46.7	59.8	74.3	85.0	91.1	91.9	95.0	97.4	97.6	98.5	98.7	98.9	99.3	99.3	99.4	99.6
GE 100	46.7	59.8	74.3	85.0	91.1	91.9	95.0	97.4	97.6	98.7	98.9	99.1	99.4	99.4	99.6	99.8
GE 000	46.7	59.8	74.3	85.0	91.1	91.9	95.0	97.4	97.6	98.7	98.9	99.1	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 540

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.2	41.0	47.9	52.2	55.6	56.4	59.0	59.8	60.0	60.4	60.4	60.4	60.6	60.6	60.6	60.8
GE 20000	29.3	43.3	50.8	55.3	59.2	60.2	63.0	63.8	64.0	64.4	64.4	64.4	64.6	64.6	64.6	64.8
GE 18000	29.4	43.4	50.9	55.4	59.3	60.3	63.1	63.9	64.1	64.6	64.6	64.6	64.7	64.7	64.7	64.9
GE 16000	29.6	43.6	51.1	55.7	59.6	60.6	63.3	64.1	64.3	64.8	64.8	64.8	64.9	64.9	64.9	65.1
GE 14000	29.6	43.9	51.4	56.1	60.1	61.1	63.9	64.7	64.9	65.3	65.3	65.3	65.4	65.4	65.4	65.7
GE 12000	30.1	44.7	52.4	57.4	61.7	62.7	65.4	66.2	66.4	67.0	67.0	67.0	67.1	67.1	67.1	67.3
GE 10000	31.7	47.0	55.6	60.9	65.1	66.1	68.9	69.7	69.9	70.4	70.4	70.4	70.6	70.6	70.6	70.8
GE 9000	31.9	47.2	55.8	61.1	65.3	66.3	69.1	69.9	70.1	70.7	70.7	70.7	70.8	70.8	70.8	71.0
GE 8000	33.1	49.0	58.0	63.4	67.7	68.9	71.7	72.4	72.7	73.2	73.2	73.2	73.3	73.3	73.3	73.6
GE 7000	33.1	49.0	58.0	63.4	67.7	68.9	71.7	72.4	72.7	73.2	73.2	73.2	73.3	73.3	73.3	73.6
GE 6000	33.6	49.4	58.4	63.9	68.1	69.3	72.1	73.0	73.2	73.8	73.8	73.8	73.9	73.9	73.9	74.1
GE 5000	34.3	50.7	59.9	65.4	69.8	71.0	73.8	74.7	74.9	75.4	75.4	75.4	75.6	75.6	75.6	75.8
GE 4500	35.1	51.4	60.7	66.2	70.6	71.8	74.6	75.4	75.7	76.2	76.2	76.2	76.3	76.3	76.3	76.6
GE 4000	35.6	52.2	61.6	67.2	71.8	73.0	75.8	76.7	76.9	77.4	77.4	77.4	77.6	77.6	77.6	77.8
GE 3500	36.0	52.7	62.0	67.7	72.2	73.4	76.2	77.1	77.3	77.9	77.9	77.9	78.0	78.0	78.0	78.2
GE 3000	36.6	53.2	62.6	68.3	72.9	74.1	76.9	77.8	78.0	78.6	78.6	78.6	78.7	78.7	78.7	78.9
GE 2500	37.3	54.1	63.7	69.7	74.2	75.4	78.2	79.1	79.3	79.9	79.9	79.9	80.0	80.0	80.0	80.2
GE 2000	38.2	55.3	65.1	71.1	75.7	76.9	79.7	80.6	80.8	81.3	81.3	81.3	81.4	81.4	81.4	81.7
GE 1800	38.6	55.7	65.6	71.8	76.3	77.6	80.3	81.2	81.4	82.0	82.0	82.0	82.1	82.1	82.1	82.3
GE 1500	40.2	57.7	67.8	74.0	78.7	79.9	82.7	83.6	83.8	84.3	84.3	84.3	84.4	84.4	84.4	84.7
GE 1200	41.4	59.0	69.3	75.8	80.9	82.1	85.0	85.9	86.1	86.7	86.7	86.7	86.8	86.8	86.8	87.0
GE 1000	42.0	60.3	71.2	77.8	83.0	84.2	87.1	88.0	88.2	88.8	88.8	88.8	88.9	88.9	88.9	89.1
GE 900	42.4	61.1	72.3	79.2	84.8	86.0	89.1	90.0	90.2	90.8	90.8	90.8	90.9	90.9	90.9	91.1
GE 800	42.9	61.7	73.1	80.4	86.1	87.3	90.6	91.4	91.7	92.2	92.2	92.2	92.3	92.3	92.3	92.6
GE 700	43.3	62.4	74.0	81.4	87.1	88.7	91.9	92.9	93.1	93.7	93.7	93.7	93.8	93.8	93.8	94.0
GE 600	43.8	63.2	74.9	82.4	88.3	89.9	93.1	94.1	94.3	94.9	94.9	94.9	95.0	95.1	95.1	95.3
GE 500	44.0	63.7	75.9	83.9	90.4	92.0	95.7	97.2	97.6	98.3	98.6	98.6	99.3	99.4	99.6	99.8
GE 400	44.0	63.7	75.9	83.9	90.4	92.0	95.7	97.2	97.6	98.3	98.6	98.6	99.4	99.6	99.7	99.9
GE 300	44.0	63.7	75.9	83.9	90.4	92.0	95.7	97.2	97.6	98.3	98.6	98.6	99.4	99.6	99.7	99.9
GE 200	44.0	63.7	75.9	83.9	90.4	92.0	95.7	97.2	97.6	98.3	98.6	98.6	99.4	99.6	99.7	99.9
GE 100	44.0	63.7	75.9	83.9	90.4	92.0	95.7	97.2	97.6	98.3	98.6	98.6	99.4	99.6	99.7	99.9
GE 000	44.0	63.7	75.9	83.9	90.4	92.0	95.7	97.2	97.6	98.3	98.6	98.6	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.9	55.2	58.0	59.6	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 20000	47.0	59.0	61.9	63.4	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	47.1	59.2	62.2	63.8	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	47.2	59.4	62.4	64.1	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	47.4	59.7	62.7	64.3	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	48.2	60.6	63.7	65.3	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 10000	51.3	64.3	67.6	69.3	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 9000	51.3	64.4	67.7	69.4	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 8000	52.8	66.1	69.6	71.3	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	52.9	66.2	69.7	71.4	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 6000	53.2	66.6	70.0	71.8	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 5000	54.3	67.7	71.1	72.9	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	54.9	68.2	71.7	73.4	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	55.4	68.9	72.4	74.2	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	56.2	69.8	73.3	75.1	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	57.9	71.6	75.1	76.9	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 2500	61.0	75.2	79.1	81.0	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2000	62.3	77.1	81.1	83.0	83.8	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3
GE 1800	63.0	77.9	81.9	83.8	84.6	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1
GE 1500	66.8	82.2	86.9	88.9	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1200	68.6	85.1	90.0	92.2	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 1000	69.1	86.0	91.3	93.6	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 900	69.9	87.0	92.6	94.8	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 800	69.9	87.1	92.8	95.1	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 700	70.1	87.3	93.0	95.3	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 600	70.2	87.9	93.6	96.2	98.1	98.1	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 500	70.3	88.2	94.0	96.7	98.6	98.6	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	70.3	88.2	94.0	96.8	98.8	98.8	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	70.3	88.2	94.0	96.8	98.8	98.8	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	70.3	88.2	94.0	96.8	98.8	98.8	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	70.3	88.2	94.0	96.8	98.8	98.8	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	70.3	88.2	94.0	96.8	98.8	98.8	99.4	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.0	53.7	54.9	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 20000	55.7	62.1	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	55.7	62.1	63.3	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 16000	55.8	62.2	63.4	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 14000	56.4	63.0	64.2	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 12000	57.8	64.3	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 10000	60.0	67.2	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 9000	60.0	67.2	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 8000	61.8	69.7	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 7000	62.1	70.0	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	62.3	70.2	71.4	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	62.4	70.3	71.6	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	62.6	70.4	71.7	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 4000	65.0	73.6	74.8	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 3500	69.3	77.7	79.0	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	74.4	83.1	84.4	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2500	78.4	87.4	88.8	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	80.3	89.9	91.3	92.6	92.9	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	80.9	90.6	92.2	93.4	93.8	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	82.7	92.3	94.0	95.2	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	82.9	92.7	94.3	95.7	96.1	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	83.3	93.4	95.1	96.6	97.0	97.1	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	83.7	93.8	95.4	96.9	97.3	97.4	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	83.9	94.0	95.7	97.2	97.9	98.0	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	84.0	94.1	95.8	97.4	98.1	98.2	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	84.0	94.2	95.9	97.6	98.3	98.4	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	84.0	94.3	96.1	97.9	98.8	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	84.0	94.3	96.1	97.9	98.8	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	84.0	94.3	96.1	97.9	98.8	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.0	94.3	96.1	97.9	98.8	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.0	94.3	96.1	97.9	98.8	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.0	94.3	96.1	97.9	98.8	99.0	99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.1	56.8	58.0	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	61.8	70.2	71.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	62.2	70.7	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 16000	62.2	70.7	72.1	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	62.9	71.3	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	65.3	74.0	75.7	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	66.9	76.0	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 9000	67.1	76.2	77.9	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 8000	70.0	80.0	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	70.0	80.0	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 6000	70.1	80.1	81.9	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	70.8	80.8	82.6	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4500	71.6	81.6	83.3	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	74.2	84.4	86.2	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	75.4	85.9	87.9	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3000	78.2	89.2	91.2	92.2	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9
GE 2500	79.3	90.4	92.4	93.6	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2
GE 2000	79.9	91.1	93.2	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0
GE 1800	80.6	92.0	94.1	95.2	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
GE 1500	81.4	93.0	95.2	96.4	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3
GE 1200	81.8	93.3	95.6	96.8	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7
GE 1000	82.6	94.1	96.4	97.7	98.2	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 900	82.9	94.4	96.8	98.0	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	82.9	94.4	96.8	98.0	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	82.9	94.8	97.2	98.4	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 600	83.0	94.9	97.3	98.6	99.1	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 500	83.0	94.9	97.6	98.8	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	83.0	94.9	97.6	98.8	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	83.0	94.9	97.6	98.8	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	83.0	94.9	97.6	98.8	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	83.0	94.9	97.6	98.8	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	83.0	94.9	97.6	98.8	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.9	59.3	62.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 20000	61.0	70.1	72.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 18000	61.1	70.2	73.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	61.1	70.2	73.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 14000	61.4	70.6	73.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	63.8	73.2	76.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 10000	66.4	76.8	79.7	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	66.7	77.0	79.9	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000	68.9	79.4	82.3	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 7000	69.4	80.0	82.9	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 6000	70.3	80.9	83.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	71.2	82.1	85.0	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4500	72.4	83.4	86.3	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	74.4	85.4	88.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	74.8	85.9	88.9	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	76.2	87.3	90.4	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	77.0	88.4	91.7	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	77.6	89.0	92.3	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	78.1	89.7	93.0	95.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	78.4	90.2	93.8	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	78.9	90.8	94.4	96.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	79.0	90.9	94.7	97.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	79.0	90.9	94.7	97.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	79.1	91.0	94.8	97.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	79.3	91.2	95.0	97.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	79.6	91.4	95.2	98.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	79.6	91.4	95.2	98.3	99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	79.6	91.4	95.2	98.3	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.6	91.4	95.2	98.3	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.6	91.4	95.2	98.3	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.6	91.4	95.2	98.3	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.6	91.4	95.2	98.3	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.3	66.3	69.8	70.1	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
GE 20000	65.7	73.7	77.5	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	65.7	73.7	77.5	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 16000	65.7	73.7	77.5	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6
GE 14000	66.0	74.0	77.7	78.1	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000	67.5	75.5	79.5	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
GE 10000	69.2	77.6	81.7	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
GE 9000	69.4	77.9	82.0	82.4	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	70.5	77.3	83.4	83.8	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	71.1	79.8	84.0	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 6000	71.1	80.1	84.2	84.6	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	71.8	81.2	85.3	85.8	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
GE 4500	72.3	81.9	86.0	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
GE 4000	74.0	83.5	87.7	88.2	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	75.1	84.8	88.9	89.6	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9
GE 3000	76.6	86.3	90.6	91.8	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	77.0	87.0	91.4	92.7	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	77.6	87.6	92.1	93.4	95.3	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	77.6	87.6	92.1	93.4	95.3	95.3	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	78.0	88.0	92.5	93.9	96.1	96.1	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	78.4	88.4	93.1	94.6	96.8	96.8	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	78.7	88.7	93.6	95.3	97.5	97.5	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	78.7	88.7	93.6	95.3	97.8	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	79.1	89.1	94.1	95.7	98.2	98.2	98.6	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8
GE 700	79.3	89.2	94.3	96.1	98.8	98.8	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	79.3	89.2	94.3	96.1	98.8	98.8	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	79.4	89.3	94.5	96.3	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	79.4	89.3	94.5	96.3	98.9	98.9	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	79.4	89.3	94.5	96.3	98.9	98.9	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.4	89.3	94.5	96.3	98.9	98.9	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.4	89.3	94.5	96.3	98.9	98.9	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.4	89.3	94.5	96.3	98.9	98.9	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.8	54.2	58.3	60.4	61.3	61.5	62.1	62.3	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5
GE 20000	51.6	61.2	65.6	67.7	68.7	68.9	69.6	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0
GE 18000	51.7	61.3	65.7	67.9	68.9	69.1	69.7	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.2
GE 16000	51.7	61.4	65.8	68.0	69.0	69.2	69.8	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 14000	52.0	61.7	66.2	68.3	69.4	69.6	70.2	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.7
GE 12000	53.3	63.3	67.9	70.1	71.2	71.4	72.0	72.2	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
GE 10000	55.5	66.0	70.8	73.2	74.3	74.5	75.2	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 9000	55.7	66.2	71.0	73.4	74.5	74.7	75.4	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8
GE 8000	57.3	68.3	73.2	75.6	76.8	77.0	77.6	77.8	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1
GE 7000	57.5	68.5	73.5	75.8	77.0	77.2	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3
GE 6000	57.9	68.9	73.9	76.3	77.4	77.6	78.3	78.5	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8
GE 5000	58.7	69.9	74.9	77.3	78.5	78.7	79.4	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 4500	59.3	70.5	75.5	77.9	79.1	79.3	80.0	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5
GE 4000	60.9	72.2	77.2	79.8	81.1	81.3	82.0	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5
GE 3500	62.0	73.5	78.6	81.2	82.6	82.8	83.5	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 3000	64.1	75.6	81.0	83.8	85.3	85.5	86.2	86.4	86.5	86.6	86.6	86.6	86.7	86.7	86.7	86.7
GE 2500	65.6	77.5	82.9	85.8	87.3	87.5	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8
GE 2000	66.5	78.6	84.1	87.1	88.7	89.0	89.7	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.3
GE 1800	66.9	79.1	84.6	87.7	89.3	89.6	90.4	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 1500	68.3	80.8	86.5	89.6	91.4	91.7	92.5	92.7	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1200	69.1	81.8	87.7	90.9	92.8	93.1	93.9	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1000	69.5	82.5	88.5	91.9	93.9	94.2	95.0	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.6
GE 900	69.8	82.9	89.0	92.5	94.7	94.9	95.8	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.5
GE 800	69.9	83.0	89.2	92.8	95.1	95.3	96.3	96.5	96.6	96.7	96.8	96.8	96.9	96.9	96.9	96.9
GE 700	70.1	83.3	89.6	93.3	95.5	95.9	96.8	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5
GE 600	70.3	83.6	89.9	93.7	96.1	96.4	97.4	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.2
GE 500	70.4	83.8	90.3	94.3	96.8	97.2	98.	98.6	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.1
GE 400	70.4	83.9	90.4	94.3	97.0	97.3	98.4	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.4
GE 300	70.4	83.9	90.4	94.3	97.0	97.4	98.6	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
GE 200	70.4	83.9	90.4	94.3	97.0	97.4	98.6	99.2	99.3	99.5	99.6	99.6	99.8	99.8	99.9	99.9
GE 100	70.4	83.9	90.4	94.3	97.0	97.4	98.6	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	70.4	83.9	90.4	94.3	97.0	97.4	98.6	99.2	99.3	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6123



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.6	65.3	67.5	67.5	68.8	68.8	69.1	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	62.4	66.4	69.6	69.6	71.0	71.0	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5
GE 18000	62.4	66.4	69.6	69.6	71.0	71.0	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5
GE 16000	62.4	66.4	69.6	69.6	71.0	71.0	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	62.4	66.4	69.6	69.6	71.0	71.0	71.2	71.2	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5
GE 12000	62.6	66.7	70.2	70.2	71.5	71.5	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	64.8	68.8	72.3	72.3	73.7	73.7	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	64.8	68.8	72.3	72.3	73.7	73.7	73.9	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	67.5	72.0	75.5	75.5	76.9	76.9	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	67.5	72.0	75.5	75.5	76.9	76.9	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	68.5	73.1	76.6	76.6	78.0	78.0	78.2	78.2	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.5
GE 5000	70.4	75.0	78.5	78.8	80.6	80.6	80.9	80.9	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	70.7	75.5	79.3	79.6	81.5	81.5	81.7	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	72.3	77.2	80.9	81.5	83.3	83.3	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	73.7	78.5	82.3	82.8	84.7	84.7	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	74.5	79.3	83.1	84.1	86.0	86.0	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 2500	74.5	79.3	83.1	84.1	86.0	86.0	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	74.5	79.6	83.3	84.4	86.3	86.3	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	75.3	80.6	84.4	85.5	87.4	87.4	87.6	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9
GE 1500	77.2	83.1	86.8	87.9	90.1	90.1	90.3	90.3	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	78.0	83.9	87.6	89.0	91.1	91.1	91.4	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	79.0	84.9	88.7	90.6	93.0	93.0	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	79.8	85.8	89.5	91.4	93.8	93.8	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	80.4	86.3	90.1	91.9	94.4	94.4	94.6	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9
GE 700	81.5	87.4	91.4	93.5	96.0	96.0	96.2	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	81.7	87.6	91.7	93.8	96.2	96.2	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	81.7	87.9	91.9	94.1	96.5	96.5	97.0	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	81.7	87.9	91.9	94.4	97.0	97.0	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 300	82.0	88.2	92.2	94.6	97.3	97.3	97.8	97.8	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	82.0	88.2	92.2	94.6	97.3	97.3	97.8	97.8	97.8	98.4	98.7	98.7	98.9	98.9	98.9	98.9
GE 100	82.0	88.2	92.2	94.6	97.6	97.6	98.1	98.1	98.1	98.7	98.9	98.9	99.5	99.5	99.5	99.7
GE 000	82.0	88.2	92.2	94.6	97.6	97.6	98.1	98.1	98.1	98.7	98.9	98.9	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 372

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.1	53.4	58.2	60.3	61.9	62.7	62.9	62.9	62.9	63.2	63.4	63.4	64.0	64.0	64.0	64.0
GE 20000	50.4	55.0	60.4	62.9	64.6	65.3	65.5	65.5	65.5	65.9	66.0	66.0	66.6	66.6	66.6	66.6
GE 18000	50.4	55.0	60.4	62.9	64.6	65.3	65.5	65.5	65.5	65.9	66.0	66.0	66.6	66.6	66.6	66.6
GE 16000	50.4	55.0	60.4	62.9	64.6	65.3	65.5	65.5	65.5	65.9	66.0	66.0	66.6	66.6	66.6	66.6
GE 14000	50.4	55.0	60.4	62.9	64.6	65.3	65.5	65.5	65.5	65.9	66.0	66.0	66.6	66.6	66.6	66.6
GE 12000	50.9	55.8	61.2	63.8	65.5	66.2	66.4	66.4	66.4	66.8	67.0	67.0	67.5	67.5	67.5	67.5
GE 10000	52.2	57.5	63.2	66.0	67.7	68.5	68.8	68.8	68.8	69.2	69.4	69.4	70.0	70.0	70.0	70.0
GE 9000	52.4	57.6	63.4	66.2	67.9	68.7	69.0	69.0	69.0	69.4	69.6	69.6	70.1	70.1	70.1	70.1
GE 8000	54.7	60.1	66.6	69.4	71.1	71.8	72.2	72.2	72.2	72.6	72.8	72.8	73.3	73.3	73.3	73.3
GE 7000	54.9	60.3	66.8	69.8	71.5	72.2	72.6	72.6	72.6	72.9	73.1	73.1	73.7	73.7	73.7	73.7
GE 6000	55.2	60.8	67.4	70.3	72.0	72.8	73.1	73.1	73.1	73.5	73.7	73.7	74.3	74.3	74.3	74.3
GE 5000	56.0	61.8	68.5	71.5	73.1	73.9	74.3	74.3	74.3	74.6	74.8	74.8	75.4	75.4	75.4	75.4
GE 4500	56.3	62.1	68.8	72.0	73.7	74.4	74.8	74.8	74.8	75.2	75.4	75.4	75.9	75.9	75.9	75.9
GE 4000	56.9	63.1	69.8	72.9	74.6	75.4	75.7	75.7	75.7	76.1	76.3	76.3	76.9	76.9	76.9	76.9
GE 3500	57.5	63.6	70.3	73.5	75.2	75.9	76.3	76.3	76.3	76.7	76.9	76.9	77.4	77.4	77.4	77.4
GE 3000	58.2	64.4	71.3	74.4	76.1	76.9	77.4	77.4	77.4	77.8	78.0	78.0	78.5	78.5	78.5	78.5
GE 2500	59.1	65.5	72.8	75.9	77.6	78.4	78.9	78.9	78.9	79.3	79.5	79.5	80.0	80.0	80.0	80.0
GE 2000	59.9	66.4	73.9	77.2	78.9	79.7	80.2	80.2	80.2	80.6	80.8	80.8	81.3	81.3	81.3	81.3
GE 1800	59.9	66.4	73.9	77.2	79.1	79.9	80.4	80.4	80.4	80.8	81.0	81.0	81.5	81.5	81.5	81.5
GE 1500	61.4	68.7	76.7	80.0	82.1	82.8	83.4	83.4	83.4	83.8	84.0	84.0	84.5	84.5	84.5	84.5
GE 1200	62.9	70.7	79.1	82.6	85.1	85.8	86.4	86.4	86.4	86.8	86.9	86.9	87.5	87.5	87.5	87.5
GE 1000	63.2	71.3	80.2	84.0	86.6	87.3	87.9	87.9	87.9	88.2	88.4	88.4	89.0	89.0	89.0	89.0
GE 900	3.6	71.8	81.3	85.1	87.7	88.4	89.0	89.0	89.0	89.4	89.6	89.6	90.1	90.1	90.1	90.1
GE 800	63.8	72.2	82.1	85.8	88.4	89.2	89.7	89.7	89.7	90.1	90.3	90.3	90.9	90.9	90.9	90.9
GE 700	64.4	72.8	82.8	86.6	89.4	90.1	90.9	90.9	90.9	91.2	91.4	91.4	92.0	92.0	92.0	92.0
GE 600	65.1	74.4	84.7	88.6	92.0	92.7	93.8	93.8	93.8	94.2	94.4	94.4	95.0	95.0	95.0	95.0
GE 500	65.5	74.8	85.1	89.0	92.4	93.1	94.4	94.4	94.4	94.8	95.0	95.0	95.5	95.5	95.5	95.5
GE 400	65.5	74.8	85.1	89.0	92.9	93.7	95.1	9.3	95.3	95.7	95.9	95.9	96.5	96.5	96.5	96.5
GE 300	65.5	74.8	85.3	89.2	93.5	94.2	95.7	96.1	96.1	96.5	96.6	96.6	97.2	97.2	97.2	97.2
GE 200	65.7	75.0	85.4	89.4	93.8	94.6	96.1	96.6	96.6	97.0	97.8	97.8	98.3	98.3	98.3	98.3
GE 100	65.7	75.0	85.4	89.4	94.2	95.0	96.6	97.4	97.4	97.8	98.5	98.5	99.1	99.1	99.3	99.6
GE 000	65.7	75.0	85.4	89.4	94.2	95.0	96.6	97.4	97.4	97.8	98.5	98.5	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 536

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.4	46.5	51.1	53.9	56.0	56.2	56.7	57.3	57.3	57.4	57.5	57.5	57.7	57.7	57.8	57.9
GE 20000	38.4	49.4	54.7	57.9	60.0	60.2	60.7	61.3	61.3	61.4	61.5	61.5	61.8	61.8	61.9	62.0
GE 18000	38.4	49.4	54.7	57.9	60.0	60.2	60.7	61.3	61.3	61.4	61.5	61.5	61.8	61.8	61.9	62.0
GE 16000	38.4	49.4	54.7	57.9	60.0	60.2	60.7	61.3	61.3	61.4	61.5	61.5	61.8	61.8	61.9	62.0
GE 14000	38.4	49.4	54.7	57.9	60.0	60.2	60.7	61.3	61.3	61.4	61.5	61.5	61.8	61.8	61.9	62.0
GE 12000	38.4	49.8	55.1	58.4	60.4	60.6	61.2	61.7	61.7	61.8	61.9	61.9	62.2	62.2	62.4	62.5
GE 10000	39.7	51.1	56.5	60.0	62.1	62.4	62.9	63.6	63.6	63.8	63.9	63.9	64.2	64.2	64.3	64.4
GE 9000	39.7	51.5	56.9	60.3	62.5	62.7	63.2	64.0	64.0	64.1	64.2	64.2	64.5	64.5	64.6	64.7
GE 8000	41.4	54.3	60.1	63.6	66.2	66.6	67.1	68.0	68.0	68.1	68.2	68.2	68.5	68.5	68.6	68.7
GE 7000	41.4	54.3	60.1	63.8	66.3	66.7	67.3	68.2	68.2	68.3	68.4	68.4	68.7	68.7	68.8	68.9
GE 6000	41.9	54.9	60.7	64.4	67.0	67.3	68.0	68.8	68.8	68.9	69.0	69.0	69.4	69.4	69.5	69.6
GE 5000	42.7	56.1	62.0	65.7	68.6	68.9	69.6	70.4	70.4	70.6	70.7	70.7	71.0	71.0	71.1	71.2
GE 4500	43.3	56.6	62.8	66.5	69.4	69.7	70.4	71.3	71.3	71.4	71.5	71.5	71.8	71.8	72.0	72.1
GE 4000	43.8	57.4	63.5	67.2	70.1	70.6	71.3	72.2	72.2	72.3	72.4	72.4	72.7	72.7	72.8	72.9
GE 3500	44.6	58.3	64.5	68.2	71.1	71.5	72.3	73.2	73.2	73.4	73.5	73.5	73.8	73.8	73.9	74.0
GE 3000	45.2	59.4	65.7	69.4	72.4	72.8	73.6	74.5	74.5	74.6	74.8	74.8	75.1	75.1	75.2	75.3
GE 2500	45.8	60.5	67.1	70.9	74.0	74.4	75.3	76.3	76.3	76.4	76.5	76.5	76.8	76.8	76.9	77.0
GE 2000	46.8	61.9	68.5	72.4	75.7	76.2	77.0	78.3	78.3	78.4	78.5	78.5	78.9	78.9	79.0	79.1
GE 1800	47.1	62.6	69.1	73.0	76.5	76.9	77.8	79.1	79.1	79.2	79.3	79.3	79.6	79.6	79.7	79.8
GE 1500	48.1	64.3	71.1	75.3	79.1	79.6	80.5	81.8	81.8	81.9	82.0	82.0	82.3	82.3	82.4	82.5
GE 1200	49.3	66.3	73.2	77.5	81.6	82.2	83.2	84.5	84.5	84.6	84.7	84.7	85.0	85.0	85.1	85.2
GE 1000	50.3	67.9	75.1	79.5	83.7	84.4	85.4	86.7	86.7	86.8	86.9	86.9	87.3	87.3	87.4	87.5
GE 900	50.8	68.7	76.2	80.6	84.8	85.4	86.6	87.9	87.9	88.0	88.1	88.1	88.5	88.5	88.6	88.7
GE 800	51.3	69.7	77.6	82.5	86.9	87.7	89.1	90.4	90.4	90.5	90.6	90.6	91.0	91.0	91.2	91.3
GE 700	51.7	70.1	78.3	83.4	88.5	89.2	90.6	92.0	92.0	92.1	92.2	92.2	92.7	92.7	92.8	92.9
GE 600	52.3	71.0	79.2	84.5	89.8	90.5	92.0	93.4	93.4	93.5	93.6	93.6	94.2	94.2	94.3	94.4
GE 500	52.5	71.5	79.7	85.0	90.5	91.3	93.2	94.6	94.6	94.7	94.8	94.8	95.4	95.4	95.5	95.6
GE 400	52.9	72.0	80.2	85.4	90.9	91.7	94.1	95.6	95.7	95.9	96.0	96.0	96.7	96.7	96.8	96.9
GE 300	52.9	72.0	80.2	85.4	90.9	91.7	94.1	95.7	96.0	96.7	96.9	97.0	98.0	98.0	98.1	98.2
GE 200	52.9	72.0	80.2	85.4	90.9	91.7	94.1	95.7	96.0	96.8	97.4	97.6	98.6	98.6	98.8	99.2
GE 100	52.9	72.0	80.2	85.4	90.9	91.7	94.1	95.7	96.0	96.8	97.4	97.6	98.8	98.8	99.2	99.8
GE 000	52.9	72.0	80.2	85.4	90.9	91.7	94.1	95.7	96.0	96.8	97.4	97.6	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	57.5	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	55.7	62.7	64.1	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	55.8	62.8	64.2	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	56.0	63.0	64.4	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	56.1	63.1	64.5	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	56.4	63.5	64.9	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 10000	58.7	66.2	67.9	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 9000	58.8	66.3	68.0	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 8000	60.7	68.7	70.9	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 7000	60.7	68.7	70.9	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 6000	60.7	68.8	71.0	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	61.7	69.8	72.0	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4500	62.5	70.7	72.8	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	63.1	71.3	73.5	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 3500	63.4	71.7	74.0	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	65.0	73.6	76.1	76.9	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	66.2	75.1	77.7	78.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	68.1	77.1	79.8	80.8	80.9	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	69.5	78.7	81.4	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	70.9	82.0	84.8	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	73.0	85.2	88.5	89.6	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1000	74.6	87.5	91.7	93.2	93.6	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	75.6	89.0	93.3	94.8	95.5	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	75.8	89.3	93.9	95.8	96.4	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	76.3	89.8	94.4	96.4	97.1	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	76.7	90.2	94.8	97.1	97.8	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	76.7	90.3	94.9	97.3	98.5	98.6	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	76.9	90.5	95.3	97.6	98.9	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	76.9	90.5	95.3	97.6	98.9	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	76.9	90.5	95.3	97.6	98.9	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.9	90.5	95.3	97.6	98.9	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.9	90.5	95.3	97.6	98.9	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.4	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	66.3	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 18000	66.3	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 16000	66.5	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 14000	66.6	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	67.9	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 10000	72.8	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	73.1	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	74.6	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 7000	74.6	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 6000	75.2	77.0	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 5000	75.9	77.8	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500	76.7	78.6	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4000	77.1	79.3	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 3500	77.9	80.5	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3000	81.1	84.1	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	83.4	86.4	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	85.0	88.3	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	85.5	89.2	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 1500	87.9	92.2	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE 1200	89.6	95.0	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 1000	90.6	96.5	97.6	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 900	91.0	97.3	98.4	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 800	91.3	97.5	98.6	99.1	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 700	91.3	97.5	98.6	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 600	91.3	97.5	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	91.3	97.5	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	91.3	97.5	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	91.3	97.5	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	91.3	97.5	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	91.3	97.5	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.3	97.5	98.6	99.1	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 20000	69.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	70.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 16000	70.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 14000	70.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 12000	71.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 10000	76.4	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	76.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	79.0	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	79.4	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	80.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	81.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	81.4	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	82.4	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	83.2	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	85.3	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	86.6	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	88.2	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	88.7	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	90.0	94.0	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	91.3	95.8	96.4	96.5	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	91.9	96.8	97.4	97.5	97.6	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	92.8	97.6	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	92.8	97.6	98.3	98.4	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	93.0	97.8	98.5	98.6	98.8	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	93.1	98.0	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	93.1	98.2	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	93.1	98.2	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	93.1	98.2	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	93.1	98.2	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	93.1	98.2	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	93.1	98.2	98.9	99.0	99.2	99.4	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.0	65.0	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	71.0	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 18000	71.0	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 16000	71.0	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	71.4	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	72.1	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	76.3	77.6	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 9000	76.5	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 8000	79.6	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	79.7	81.1	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	79.8	81.2	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	80.8	82.2	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4500	81.0	82.4	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	82.2	83.7	84.7	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	83.1	84.6	85.8	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	85.5	87.4	88.6	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	86.6	88.6	89.8	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	88.2	90.2	91.5	92.0	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	88.7	90.8	92.1	92.7	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	89.3	91.7	93.2	93.7	94.3	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	90.6	93.2	95.0	95.7	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	91.0	94.1	95.9	96.7	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	91.4	94.4	96.2	97.0	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	91.6	94.6	96.4	97.2	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	91.7	94.7	96.5	97.3	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	91.7	94.7	96.7	97.4	98.6	98.7	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	91.9	94.9	97.4	98.2	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.9	94.9	97.4	98.2	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.9	94.9	97.4	98.2	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.9	94.9	97.4	98.2	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.9	94.9	97.4	98.2	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.9	94.9	97.4	98.2	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.2	68.0	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	70.8	71.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 18000	70.8	71.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	70.8	71.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	71.1	72.2	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 12000	71.9	73.0	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	74.8	75.8	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	75.1	76.1	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 8000	76.8	78.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 000	76.8	78.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	77.4	78.9	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 5000	78.6	80.0	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	79.0	80.4	82.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	80.8	82.5	84.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 3500	81.5	83.3	85.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000	82.6	84.9	86.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2500	83.7	86.3	88.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2000	85.2	87.9	89.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	85.8	88.5	90.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	86.8	90.3	92.8	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	87.1	90.7	93.6	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	87.9	91.5	94.5	96.1	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	88.3	91.9	95.3	96.9	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	88.4	92.0	95.4	97.0	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 700	88.4	92.0	95.7	97.4	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	88.5	92.2	96.1	97.9	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	88.6	92.4	96.3	98.3	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	88.6	92.4	96.5	98.4	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	88.6	92.4	96.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.6	92.4	96.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.6	92.4	96.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.6	92.4	96.6	98.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 766



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	58.4	60.1	60.8	61.3	61.4	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8
GE 20000	60.8	64.7	66.6	67.5	68.0	68.1	68.2	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
GE 18000	60.9	64.8	66.7	67.6	68.1	68.2	68.3	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6
GE 16000	61.0	64.9	66.8	67.6	68.2	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7
GE 14000	61.2	65.1	67.0	67.8	68.4	68.5	68.6	68.7	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9
GE 12000	61.8	65.8	67.7	68.6	69.1	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6
GE 10000	64.9	69.1	71.1	72.1	72.6	72.7	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.2	73.2
GE 9000	65.1	69.4	71.4	72.3	72.8	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4
GE 8000	67.2	71.9	74.2	75.2	75.8	75.9	76.0	76.2	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4
GE 7000	67.3	72.0	74.3	75.3	75.9	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5
GE 6000	67.7	72.5	74.8	75.9	76.5	76.6	76.7	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1
GE 5000	68.7	73.6	76.0	77.1	77.8	77.9	78.0	78.2	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4
GE 4500	69.2	74.2	76.6	77.8	78.5	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1
GE 4000	70.1	75.3	77.8	79.0	79.7	79.8	80.0	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.4
GE 3500	70.9	76.2	78.7	80.0	80.7	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.4	81.4
GE 3000	72.6	78.2	80.9	82.2	83.0	83.1	83.3	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7	83.7
GE 2500	73.8	79.6	82.3	83.7	84.5	84.6	84.8	85.0	85.0	85.0	85.1	85.1	85.2	85.2	85.2	85.2
GE 2000	75.1	81.2	84.0	85.4	86.2	86.3	86.6	86.8	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0
GE 1800	75.7	81.9	84.8	86.1	87.0	87.1	87.4	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8
GE 1500	77.0	84.0	87.1	88.5	89.5	89.6	89.9	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.4
GE 1200	78.4	86.0	89.2	90.8	91.9	92.0	92.3	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8
GE 1000	79.3	87.2	90.8	92.5	93.7	93.9	94.2	94.4	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7
GE 900	79.8	88.0	91.7	93.4	94.7	94.9	95.2	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8
GE 800	80.1	88.3	92.2	94.0	95.3	95.6	96.0	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.5	96.5
GE 700	80.3	88.6	92.6	94.5	96.0	96.2	96.6	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 600	80.6	89.0	93.0	95.0	96.7	96.9	97.4	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 500	80.7	89.2	93.3	95.4	97.1	97.4	98.0	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6
GE 400	80.8	89.3	93.5	95.5	97.4	97.6	98.3	98.6	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 300	80.8	89.3	93.5	95.6	97.5	97.7	98.4	98.8	98.8	99.0	99.1	99.1	99.4	99.4	99.4	99.4
GE 200	80.8	89.4	93.5	95.6	97.5	97.7	98.4	98.8	98.9	99.1	99.3	99.4	99.6	99.6	99.6	99.7
GE 100	80.8	89.4	93.5	95.6	97.6	97.8	98.5	98.9	99.0	99.2	99.4	99.4	99.7	99.7	99.8	99.9
GE 000	80.8	89.4	93.5	95.6	97.6	97.8	98.5	98.9	99.0	99.2	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	43.6	45.3	45.8	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	47.2	49.2	51.1	51.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 18000	47.5	49.4	51.4	52.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	47.5	49.4	51.4	52.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	47.5	49.4	51.4	52.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	48.9	50.8	52.8	53.6	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	50.8	52.8	54.7	55.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 9000	50.8	52.8	54.7	55.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 8000	54.7	56.7	59.2	60.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 7000	55.6	57.5	60.0	60.8	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 6000	56.4	58.3	60.8	61.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 5000	59.4	61.7	64.2	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4500	60.8	63.3	65.8	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	61.7	64.4	66.9	68.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	61.9	64.7	67.5	69.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	63.9	66.7	69.4	71.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2500	64.7	67.5	70.3	72.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	65.8	68.9	72.2	74.4	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1800	66.7	69.7	73.1	75.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1500	71.4	75.0	78.9	81.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1200	72.2	75.8	79.7	82.5	85.8	86.1	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1000	72.5	76.9	81.1	84.7	88.1	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 900	73.6	78.6	83.6	87.2	90.6	90.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	73.9	79.2	85.6	89.2	92.5	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	74.7	80.3	86.7	90.6	93.9	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	74.7	80.8	87.8	91.7	95.0	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	74.7	81.1	88.3	92.5	95.8	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	74.7	81.1	88.3	92.5	96.9	97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	74.7	81.1	88.3	92.5	96.9	97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
GE 200	74.7	81.1	88.3	92.5	96.9	97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
GE 100	74.7	81.1	88.3	92.5	96.9	97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0
GE 000	74.7	81.1	88.3	92.5	96.9	97.2	98.9	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 360

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.1	37.0	38.7	39.5	41.2	41.7	42.3	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.8	42.8
GE 20000	40.3	42.3	43.9	44.8	46.7	47.5	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.6	48.6
GE 18000	40.6	42.5	44.2	45.0	47.0	47.8	48.3	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.9	48.9
GE 16000	40.6	42.5	44.2	45.0	47.0	47.8	48.3	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.9	48.9
GE 14000	40.6	42.5	44.2	45.0	47.0	47.8	48.3	48.3	48.3	48.3	48.6	48.6	48.6	48.6	48.9	48.9
GE 12000	41.2	43.1	44.8	45.6	47.5	48.3	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.4	49.4
GE 10000	42.0	43.9	45.6	46.4	48.3	49.2	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.3	50.3
GE 9000	42.0	43.9	45.6	46.4	48.3	49.2	49.7	49.7	49.7	49.7	50.0	50.0	50.0	50.0	50.3	50.3
GE 8000	45.6	47.5	49.2	50.0	51.9	52.8	53.3	53.3	53.3	53.3	53.6	53.6	53.6	53.6	53.9	53.9
GE 7000	46.7	48.6	50.3	51.1	53.0	53.9	54.4	54.4	54.4	54.4	54.7	54.7	54.7	54.7	55.0	55.0
GE 6000	46.7	48.6	50.3	51.1	53.0	53.9	54.4	54.4	54.4	54.4	54.7	54.7	54.7	54.7	55.0	55.0
GE 5000	48.9	50.8	53.3	54.1	56.1	56.9	57.5	57.5	57.5	57.5	57.7	57.7	57.7	57.7	58.0	58.0
GE 4500	50.3	52.2	54.7	55.8	57.7	58.6	59.1	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.7	59.7
GE 4000	51.1	53.0	55.5	56.6	58.6	59.4	59.9	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.5	60.5
GE 3500	52.2	54.1	56.6	57.7	59.9	60.8	61.3	61.3	61.3	61.3	61.6	61.6	61.6	61.6	61.9	61.9
GE 3000	54.7	56.9	59.4	60.5	62.7	63.5	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.6	64.6
GE 2500	55.5	57.7	60.5	61.9	64.1	64.9	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	66.0	66.0
GE 2000	56.9	59.4	62.2	63.5	66.0	66.9	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	68.0	68.0
GE 1800	57.7	60.2	63.0	64.4	67.1	68.0	68.5	68.5	68.5	68.5	68.8	68.8	68.8	68.8	69.1	69.1
GE 1500	62.4	64.9	67.7	69.3	72.7	73.5	74.0	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.9	74.9
GE 1200	63.5	66.6	69.3	71.3	75.1	76.0	77.1	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.9	77.9
GE 1000	65.2	69.1	71.8	73.8	77.6	78.5	79.6	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.4	80.4
GE 900	66.6	72.1	76.5	79.0	82.9	83.7	85.9	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.7	86.7
GE 800	66.9	72.4	78.2	80.7	85.1	85.9	88.4	88.7	88.7	88.7	89.0	89.0	89.0	89.0	89.2	89.2
GE 700	68.2	73.8	79.6	82.0	86.7	87.6	90.1	90.3	90.3	90.3	90.6	90.6	90.9	90.9	91.2	91.2
GE 600	69.1	75.1	81.2	84.0	88.7	89.5	92.0	92.3	92.3	92.3	92.5	92.5	92.8	92.8	93.1	93.1
GE 500	69.1	75.1	81.2	84.0	89.0	89.8	92.3	92.5	92.5	92.5	92.8	92.8	93.1	93.1	93.4	93.4
GE 400	69.1	75.1	81.2	84.3	89.2	90.1	92.8	93.1	93.1	93.1	93.4	93.4	93.6	93.6	93.9	94.2
GE 300	69.1	75.1	81.2	84.3	89.8	90.6	93.9	95.0	95.0	95.0	95.3	95.3	95.9	95.9	96.1	96.4
GE 200	69.1	75.1	81.2	84.3	89.8	90.6	93.9	95.0	95.3	95.3	95.6	95.6	97.0	97.0	97.5	97.8
GE 100	69.1	75.1	81.2	84.3	89.8	90.6	93.9	95.3	95.6	96.1	96.7	96.7	98.6	98.9	99.4	100.0
GE 000	69.1	75.1	81.2	84.3	89.8	90.6	93.9	95.3	95.6	96.1	96.7	96.7	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 362

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	29.9	36.0	39.8	40.8	41.9	2.3	42.7	43.4	43.5	43.7	43.7	43.7	43.9	43.9	44.3	45.0
GE 20000	34.1	40.9	45.6	46.7	47.8	48.2	48.6	49.3	49.4	49.6	49.6	49.6	49.9	49.9	50.3	51.1
GE 18000	34.3	41.1	45.8	46.9	48.0	48.4	48.8	49.5	49.6	49.8	49.8	49.8	50.2	50.2	50.5	51.3
GE 16000	34.3	41.1	45.8	46.9	48.0	48.4	48.8	49.5	49.6	49.8	49.8	49.8	50.2	50.2	50.5	51.3
GE 14000	34.3	41.1	45.9	47.0	48.2	48.5	48.9	49.6	49.7	49.9	49.9	49.9	50.3	50.3	50.6	51.4
GE 12000	34.6	41.6	46.4	47.6	48.7	49.1	49.5	50.2	50.3	50.5	50.5	50.5	50.8	50.8	51.2	52.0
GE 10000	35.7	43.1	48.2	49.4	50.5	50.8	51.3	52.0	52.1	52.3	52.3	52.3	52.6	52.6	53.0	53.7
GE 9000	35.7	43.1	48.2	49.4	50.5	50.8	51.3	52.0	52.1	52.3	52.3	52.3	52.6	52.6	53.0	53.7
GE 8000	39.1	46.9	52.1	53.4	54.6	55.0	55.4	56.1	56.2	56.4	56.4	56.4	56.7	56.7	57.1	57.9
GE 7000	39.9	47.7	52.8	54.2	55.4	55.7	56.2	56.9	57.0	57.3	57.3	57.3	57.6	57.6	58.0	58.8
GE 6000	40.1	48.2	53.3	54.6	55.9	56.2	56.6	57.3	57.4	57.7	57.7	57.7	58.1	58.1	58.4	59.2
GE 5000	41.4	49.5	54.7	56.2	57.4	57.7	58.2	58.9	59.0	59.3	59.3	59.3	59.6	59.6	60.0	60.8
GE 4500	42.4	50.5	56.1	57.5	58.8	59.1	59.5	60.2	60.3	60.6	60.6	60.6	61.0	61.0	61.3	62.1
GE 4000	43.5	52.1	57.7	59.3	60.6	61.0	61.4	62.1	62.2	62.5	62.5	62.5	62.9	62.9	63.2	64.0
GE 3500	44.3	53.4	59.5	61.2	62.7	63.0	63.4	64.1	64.2	64.5	64.5	64.5	64.9	64.9	65.2	66.0
GE 3000	45.7	55.3	61.5	63.3	65.2	65.6	66.0	66.7	66.9	67.2	67.2	67.2	67.6	67.6	67.9	68.7
GE 2500	47.5	57.4	63.9	65.7	67.9	68.2	68.7	69.3	69.6	69.9	69.9	69.9	70.2	70.2	70.6	71.3
GE 2000	48.7	59.4	66.0	68.1	70.5	70.8	71.3	72.0	72.2	72.6	72.6	72.6	73.1	73.1	73.5	74.2
GE 1800	49.9	60.8	67.4	69.6	71.9	72.2	72.8	73.5	73.7	74.0	74.0	74.0	74.6	74.6	74.9	75.7
GE 1500	52.0	63.1	70.1	72.6	75.1	75.5	76.0	76.7	76.9	77.4	77.5	77.5	78.0	78.0	78.4	79.2
GE 1200	53.7	65.7	73.2	75.9	78.8	79.4	79.9	80.6	80.8	81.4	81.5	81.5	82.1	82.1	82.4	83.2
GE 1000	54.3	67.4	75.3	78.0	81.4	81.9	82.6	83.5	83.7	84.3	84.4	84.4	84.9	84.9	85.3	86.1
GE 900	55.0	68.2	76.4	79.3	82.6	83.2	84.2	85.1	85.3	85.8	86.0	86.0	86.5	86.5	86.8	87.6
GE 800	55.5	68.9	77.1	80.2	83.7	84.3	85.4	86.4	86.6	87.2	87.4	87.4	88.0	88.0	88.3	89.1
GE 700	56.1	69.7	78.1	81.4	85.2	85.7	87.3	88.3	88.5	89.1	89.3	89.3	89.9	89.9	90.2	91.0
GE 600	56.9	70.7	79.4	82.7	87.0	87.5	89.2	90.3	90.5	91.1	91.3	91.3	91.9	91.9	92.2	93.0
GE 500	57.4	71.2	80.2	83.9	88.4	89.0	91.1	92.2	92.4	93.0	93.2	93.2	93.8	93.8	94.1	95.0
GE 400	57.5	71.5	80.5	84.3	88.7	89.3	91.5	93.3	93.6	94.3	94.6	94.6	95.2	95.3	95.7	96.5
GE 300	57.5	71.5	80.5	84.3	89.0	89.5	92.0	93.9	94.2	95.1	95.4	95.5	96.1	96.2	96.5	97.4
GE 200	57.5	71.5	80.5	84.3	89.1	89.6	92.2	94.1	94.4	95.3	95.8	96.0	96.5	96.7	97.4	98.8
GE 100	57.5	71.5	80.5	84.3	89.1	89.6	92.2	94.1	94.4	95.3	95.8	96.0	96.7	96.8	98.3	100.0
GE 000	57.5	71.5	80.5	84.3	89.1	89.6	92.2	94.1	94.4	95.3	95.8	96.0	96.7	96.8	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.0	46.2	46.8	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4
GE 20000	47.8	54.2	55.1	55.4	55.6	55.7	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0
GE 19000	47.9	54.3	55.2	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
GE 16000	47.9	54.3	55.2	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
GE 14000	47.9	54.3	55.2	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
GE 12000	49.5	55.9	56.7	57.1	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6
GE 10000	50.7	57.4	58.3	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 9000	50.8	57.5	58.4	58.8	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
GE 8000	52.8	59.5	60.4	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 7000	53.0	59.6	60.5	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4
GE 6000	53.4	60.1	61.0	61.3	61.5	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9
GE 5000	54.7	61.4	62.4	62.8	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3
GE 4500	55.6	62.3	63.3	63.7	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
GE 4000	56.9	63.5	64.5	64.9	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 3500	57.6	64.4	65.4	65.8	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
GE 3000	59.5	66.8	67.9	68.2	68.5	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 2500	60.2	67.9	69.0	69.3	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 2000	64.1	72.4	73.7	74.0	74.7	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.3
GE 1800	65.1	73.6	74.9	75.3	75.9	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.5
GE 1500	69.3	78.4	80.3	80.8	81.9	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.5
GE 1200	71.7	81.6	83.7	84.4	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.1
GE 1000	73.4	84.6	87.4	88.4	89.6	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.5
GE 900	73.8	85.7	89.1	90.4	91.6	91.9	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.8	92.8	92.9
GE 800	74.7	86.7	90.5	91.9	93.2	93.4	94.0	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.8	94.8
GE 700	75.1	87.5	91.6	93.1	94.5	94.8	95.4	95.8	95.8	96.1	96.1	96.1	96.2	96.2	96.3	96.3
GE 600	75.4	87.8	92.1	93.6	95.3	95.5	96.2	96.5	96.5	96.9	97.0	97.0	97.1	97.1	97.2	97.2
GE 500	75.9	88.4	92.8	94.4	96.2	96.4	97.4	98.0	98.0	98.3	98.6	98.6	98.7	98.7	98.8	98.8
GE 400	75.9	88.4	92.8	94.4	96.2	96.4	97.5	98.3	98.4	98.8	99.2	99.2	99.3	99.3	99.4	99.4
GE 300	75.9	88.4	92.8	94.4	96.2	96.4	97.8	98.7	98.8	99.1	99.6	99.6	99.7	99.7	99.8	99.8
GE 200	75.9	88.4	92.8	94.4	96.2	96.4	97.8	98.7	98.8	99.2	99.7	99.7	99.8	99.8	100.0	100.0
GE 100	75.9	88.4	92.8	94.4	96.2	96.4	97.8	98.7	98.8	99.2	99.7	99.7	99.8	99.8	100.0	100.0
GE 000	75.9	88.4	92.8	94.4	96.2	96.4	97.8	98.7	98.8	99.2	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.4	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	56.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	56.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	56.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	57.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 12000	58.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	60.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	60.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	62.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	62.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	62.8	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	64.5	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 4500	66.1	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4000	68.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 3500	69.8	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	72.9	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 2500	76.9	79.3	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	80.8	83.6	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
GE 1800	82.5	85.3	85.8	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 1500	84.9	89.0	89.6	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
GE 1200	87.8	92.5	93.3	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2
GE 1000	88.7	93.9	95.1	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
GE 900	89.1	94.9	96.1	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 800	89.2	95.4	96.7	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
GE 700	89.6	96.1	97.4	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 600	89.6	96.1	97.4	98.3	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 500	89.9	96.4	97.8	98.8	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 400	89.9	96.4	97.8	98.8	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	89.9	96.4	97.8	98.8	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	89.9	96.4	97.8	98.8	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	89.9	96.4	97.8	98.8	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	89.9	96.4	97.8	98.8	99.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.3	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 20000	60.9	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	60.9	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	60.9	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 14000	61.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	62.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 10000	65.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	65.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 8000	67.7	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	68.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 6000	68.5	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	70.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	72.7	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	74.7	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	75.9	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	77.7	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500	80.4	82.5	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	83.5	86.3	87.0	87.5	87.8	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	85.2	88.0	88.7	89.3	89.6	89.7	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	87.3	91.0	92.3	93.4	93.9	94.0	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	88.6	92.4	93.8	94.9	95.3	95.4	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	89.0	93.0	94.4	95.5	96.0	96.1	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	89.3	93.3	94.8	95.9	96.3	96.4	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	89.6	93.8	95.2	96.3	96.8	96.9	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	89.7	93.9	95.4	96.5	97.1	97.2	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	89.7	93.9	95.5	96.7	97.7	97.8	98.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	89.7	93.9	95.5	96.8	98.0	98.2	98.8	98.9	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	89.7	93.9	95.5	96.8	98.0	98.2	98.8	98.9	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	89.7	93.9	95.5	96.8	98.0	98.2	98.8	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	89.7	93.9	95.5	96.8	98.0	98.2	98.8	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	89.7	93.9	95.5	96.8	98.0	98.2	98.8	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	89.7	93.9	95.5	96.8	98.0	98.2	98.8	98.9	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.7	56.2	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	62.0	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	62.0	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	62.0	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 14000	62.9	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	63.9	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	66.2	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	66.2	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 8000	69.1	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 7000	69.1	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 6000	69.2	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	70.7	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	72.0	72.8	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4000	74.5	75.4	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3500	76.3	77.1	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	79.3	80.8	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 2500	82.3	83.8	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	84.8	86.6	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	85.8	88.1	89.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	87.4	90.1	91.4	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	87.6	90.4	92.1	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	88.0	91.0	93.0	94.0	94.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	88.1	91.4	94.0	95.1	95.8	95.8	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	88.5	92.0	94.6	95.9	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	88.6	92.2	94.9	96.1	97.0	97.0	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	88.9	92.4	95.7	96.9	97.9	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	88.9	92.4	95.7	96.9	98.0	98.1	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	88.9	92.4	95.7	96.9	98.0	98.1	98.9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	88.9	92.4	95.7	96.9	98.0	98.1	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.9	92.4	95.7	96.9	98.0	98.1	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.9	92.4	95.7	96.9	98.0	98.1	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 50	88.9	92.4	95.7	96.9	98.0	98.1	98.9	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.0	58.0	58.4	58.5	58.9	58.9	59.0	59.0	59.0	59.2	59.2	59.2	59.5	59.5	59.5	59.5
GE 20000	61.4	62.6	62.9	63.1	63.5	63.5	63.6	63.6	63.6	63.7	63.7	63.7	64.1	64.1	64.1	64.1
GE 18000	61.5	62.7	63.1	63.2	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	64.2	64.2	64.2	64.2
GE 16000	61.5	62.7	63.1	63.2	63.6	63.6	63.7	63.7	63.7	63.8	63.8	63.8	64.2	64.2	64.2	64.2
GE 14000	61.8	63.1	63.4	63.5	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.5	64.5	64.5	64.5
GE 12000	62.8	64.1	64.4	64.5	65.0	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.5	65.5	65.5	65.5
GE 10000	64.6	66.0	66.3	66.4	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1	67.4	67.4	67.5	67.5
GE 9000	64.7	66.1	66.4	66.5	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.5	67.5	67.6	67.6
GE 8000	66.6	68.0	68.3	68.4	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.4	69.4	69.5	69.5
GE 7000	67.0	68.3	68.6	68.8	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.8	69.8	69.9	69.9
GE 6000	67.4	68.8	69.1	69.2	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	70.2	70.2	70.3	70.3
GE 5000	69.1	70.4	70.8	70.9	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.9	71.9	72.0	72.0
GE 4500	70.5	71.9	72.2	72.3	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.3	73.3	73.4	73.4
GE 4000	72.0	73.5	73.9	74.0	74.4	74.4	74.7	74.7	74.7	74.8	74.8	74.8	75.1	75.1	75.2	75.2
GE 3500	73.1	74.8	75.2	75.3	76.1	76.1	76.3	76.3	76.3	76.5	76.5	76.5	76.8	76.8	76.9	77.0
GE 3000	76.9	78.8	79.4	79.5	80.2	80.2	80.5	80.5	80.5	80.6	80.6	80.6	80.9	80.9	81.0	81.1
GE 2500	79.1	81.1	81.8	82.3	83.1	83.1	83.5	83.5	83.5	83.6	83.6	83.6	83.9	83.9	84.0	84.2
GE 2000	82.3	84.8	85.6	86.2	87.2	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.9	87.9	88.1	88.2
GE 1800	83.0	86.0	86.8	87.4	88.4	88.4	88.7	88.7	88.7	88.8	88.8	88.8	89.2	89.2	89.3	89.4
GE 1500	84.4	87.8	89.0	89.7	90.7	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.7	91.7	91.9	92.0
GE 1200	84.9	88.4	89.5	90.3	91.3	91.3	92.0	92.0	92.0	92.1	92.1	92.1	92.4	92.4	92.5	92.6
GE 1000	85.6	89.2	90.6	91.4	92.5	92.6	93.3	93.4	93.4	93.5	93.5	93.5	93.9	93.9	94.0	94.1
GE 900	86.4	90.4	92.3	93.3	94.5	94.6	95.3	95.4	95.4	95.5	95.5	95.5	95.9	95.9	96.0	96.1
GE 800	86.7	90.8	93.0	94.1	95.3	95.4	96.1	96.3	96.3	96.4	96.4	96.4	96.8	96.8	96.9	97.0
GE 700	87.2	91.4	93.6	94.8	96.1	96.2	96.9	97.1	97.1	97.2	97.2	97.2	97.5	97.5	97.7	97.8
GE 600	87.2	91.4	93.8	95.0	96.4	96.5	97.2	97.4	97.4	97.5	97.5	97.5	97.9	97.9	98.0	98.1
GE 500	87.2	91.4	93.9	95.1	97.0	97.1	98.0	98.2	98.2	98.4	98.4	98.4	98.8	98.8	98.9	99.0
GE 400	87.2	91.4	93.9	95.1	97.0	97.1	98.0	98.2	98.3	98.8	98.9	98.9	99.2	99.2	99.3	99.4
GE 300	87.2	91.4	93.9	95.1	97.1	97.2	98.1	98.3	98.5	99.0	99.1	99.1	99.4	99.4	99.6	99.7
GE 00	87.2	91.4	93.9	95.1	97.1	97.2	98.1	98.3	98.5	99.0	99.2	99.2	99.7	99.8	99.9	100.0
GE 100	87.2	91.4	93.9	95.1	97.1	97.2	98.1	98.3	98.5	99.0	99.2	99.2	99.7	99.8	99.9	100.0
GE 000	87.2	91.4	93.9	95.1	97.1	97.2	98.1	98.3	98.5	99.0	99.2	99.2	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.2	48.4	49.4	49.7	50.2	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.7	50.8
GE 20000	52.6	55.3	56.5	56.8	57.3	57.4	57.5	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.9	58.0
GE 18000	52.7	55.4	56.6	57.0	57.4	57.5	57.7	57.8	57.8	57.8	57.9	57.9	58.0	58.0	58.0	58.2
GE 16000	52.7	55.4	56.6	57.0	57.4	57.5	57.7	57.8	57.8	57.8	57.9	57.9	58.0	58.0	58.0	58.2
GE 14000	53.1	55.8	57.0	57.3	57.8	57.9	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.5
GE 12000	54.0	56.8	58.0	58.3	58.8	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.4	59.5
GE 10000	55.9	58.8	60.0	60.4	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.5	61.6
GE 9000	55.9	58.9	60.1	60.4	60.9	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.5	61.7
GE 8000	58.4	61.4	62.7	63.1	63.6	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.3
GE 7000	58.9	61.9	63.1	63.5	64.0	64.1	64.2	64.4	64.4	64.4	64.5	64.5	64.6	64.6	64.7	64.8
GE 6000	59.2	62.2	63.5	63.9	64.4	64.5	64.6	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.1
GE 5000	61.0	64.0	65.4	65.9	66.3	66.5	66.6	66.7	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.1
GE 4500	62.3	65.4	66.9	67.3	67.8	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.4	68.5
GE 4000	63.9	67.2	68.6	69.1	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.2	70.2	70.3	70.4
GE 3500	65.1	68.6	70.1	70.7	71.3	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.9	71.9	72.0	72.1
GE 3000	67.6	71.4	73.1	73.7	74.3	74.5	74.6	74.7	74.7	74.8	74.8	74.8	74.9	74.9	75.0	75.1
GE 2500	69.8	73.8	75.7	76.3	77.1	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.8	77.9
GE 2000	72.5	77.1	79.1	79.9	80.8	81.0	81.2	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.7	81.8
GE 1800	73.7	78.5	80.5	81.4	82.3	82.4	82.7	82.8	82.8	82.9	82.9	82.9	83.1	83.1	83.2	83.3
GE 1500	76.3	81.6	84.0	85.1	86.3	86.5	86.8	86.9	87.0	87.1	87.1	87.1	87.3	87.3	87.4	87.5
GE 1200	77.7	83.5	86.1	87.3	88.6	88.8	89.1	89.2	89.3	89.4	89.4	89.4	89.6	89.6	89.7	89.8
GE 1000	78.5	84.9	87.8	89.2	90.7	90.9	91.3	91.5	91.6	91.7	91.7	91.7	91.9	91.9	92.0	92.1
GE 900	79.1	85.9	89.2	90.8	92.2	92.5	93.1	93.3	93.4	93.5	93.5	93.5	93.7	93.7	93.8	93.9
GE 800	79.5	86.5	90.1	91.7	93.3	93.5	94.2	94.4	94.5	94.7	94.7	94.7	94.9	94.9	95.0	95.1
GE 700	79.9	87.1	90.8	92.5	94.2	94.5	95.2	95.5	95.6	95.8	95.8	95.8	96.0	96.0	96.1	96.2
GE 600	80.2	87.4	91.4	93.2	95.1	95.3	96.1	96.5	96.6	96.8	96.8	96.8	97.0	97.0	97.1	97.2
GE 500	80.4	87.7	91.7	93.6	95.7	96.0	97.0	97.3	97.4	97.7	97.8	97.8	98.0	98.0	98.1	98.2
GE 400	80.4	87.7	91.7	93.7	95.8	96.1	97.2	97.7	97.9	98.2	98.3	98.3	98.5	98.5	98.6	98.8
GE 300	80.4	87.7	91.7	93.7	95.9	96.2	97.4	98.0	98.2	98.6	98.8	98.8	99.0	99.0	99.1	99.3
GE 200	80.4	87.7	91.7	93.7	95.9	96.2	97.4	98.1	98.3	98.7	98.9	98.9	99.2	99.2	99.4	99.7
GE 100	80.4	87.7	91.7	93.7	95.9	96.2	97.4	98.1	98.3	98.7	99.0	99.0	99.3	99.4	99.7	100.0
GE 000	80.4	87.7	91.7	93.7	95.9	96.2	97.4	98.1	98.3	98.7	99.0	99.0	99.3	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6103

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.0	52.4	55.4	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.3	56.3
GE 20000	55.4	58.2	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0
GE 18000	55.4	58.2	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0
GE 16000	55.4	58.2	61.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.0	62.0
GE 14000	55.7	58.4	61.4	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2
GE 12000	57.1	59.8	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.6	63.6
GE 10000	59.0	61.7	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5
GE 9000	59.0	61.7	64.7	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5	65.5
GE 8000	62.0	64.7	67.7	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.8	68.8
GE 7000	63.0	65.8	68.8	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8
GE 6000	63.3	66.0	69.0	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	70.1	70.1
GE 5000	66.0	69.3	72.6	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.9	73.9
GE 4500	67.7	71.2	74.5	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.8	75.8
GE 4000	67.9	71.5	74.7	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.4	76.4
GE 3500	67.9	71.5	74.7	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.4	76.4
GE 3000	69.0	72.6	76.1	77.2	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.3
GE 2500	70.4	73.9	77.4	78.5	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.9	79.9
GE 2000	70.9	74.5	78.0	79.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7
GE 1800	70.9	74.5	78.0	79.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.7	80.7
GE 1500	73.9	77.7	81.3	83.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.8	84.8
GE 1200	74.2	78.5	82.6	84.8	87.0	87.0	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0
GE 1000	75.0	79.3	83.7	85.9	88.3	88.6	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.7	89.7
GE 900	75.3	79.9	84.5	86.7	89.1	89.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5	90.5
GE 800	76.4	81.0	85.6	87.8	91.0	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.4	92.4
GE 700	76.4	81.0	85.9	88.0	91.3	91.6	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.7	92.7
GE 600	76.4	81.0	85.9	88.0	92.1	92.4	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8
GE 500	76.4	81.0	85.9	88.0	92.1	92.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0
GE 400	76.4	81.0	86.1	88.3	93.8	94.0	95.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	95.9
GE 300	76.4	81.0	86.1	88.6	94.0	94.3	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.8
GE 200	76.4	81.0	86.1	88.6	94.0	94.3	96.2	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.3	98.1
GE 100	76.4	81.0	86.1	88.6	94.0	94.3	96.2	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.8	99.2
GE 000	76.4	81.0	86.1	88.6	94.0	94.3	96.2	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 368

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LSTTO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.7	42.3	44.7	47.2	48.5	48.8	49.3	49.9	49.9	49.9	49.9	49.9	50.1	50.4	50.7	51.2
GE 20000	48.0	48.5	51.2	53.7	55.0	55.3	55.8	56.4	56.4	56.4	56.4	56.4	56.6	56.9	57.2	57.7
GE 18000	48.0	48.5	51.2	53.7	55.0	55.3	55.8	56.4	56.4	56.4	56.4	56.4	56.6	56.9	57.2	57.7
GE 16000	48.0	48.5	51.2	53.7	55.0	55.3	55.8	56.4	56.4	56.4	56.4	56.4	56.6	56.9	57.2	57.7
GE 14000	48.0	48.5	51.2	53.7	55.0	55.3	55.8	56.4	56.4	56.4	56.4	56.4	56.6	56.9	57.2	57.7
GE 12000	48.8	49.3	52.0	54.5	55.8	56.1	56.6	57.2	57.2	57.2	57.2	57.2	57.5	57.7	58.0	58.5
GE 10000	50.7	51.2	53.9	56.4	57.7	58.0	58.5	59.1	59.1	59.1	59.1	59.1	59.3	59.6	59.9	60.4
GE 9000	50.7	51.2	53.9	56.4	57.7	58.0	58.5	59.1	59.1	59.1	59.1	59.1	59.3	59.6	59.9	60.4
GE 8000	52.0	52.6	55.3	58.0	59.3	59.6	60.2	60.7	60.7	60.7	60.7	60.7	61.0	61.2	61.5	62.1
GE 7000	52.0	52.8	55.6	58.3	59.6	59.9	60.4	61.0	61.0	61.0	61.0	61.0	61.2	61.5	61.8	62.3
GE 6000	52.8	53.7	56.4	59.1	60.4	60.7	61.2	61.8	61.8	61.8	61.8	61.8	62.1	62.3	62.6	63.1
GE 5000	55.8	56.9	59.6	62.3	63.7	64.0	64.5	65.0	65.0	65.0	65.0	65.0	65.3	65.6	65.9	66.4
GE 4500	57.7	58.8	61.8	64.5	65.9	66.1	66.7	67.2	67.2	67.2	67.2	67.2	67.5	67.8	68.0	68.6
GE 4000	58.5	59.6	63.4	66.4	67.8	68.0	68.6	69.1	69.1	69.1	69.1	69.1	69.4	69.6	69.9	70.5
GE 3500	59.9	61.0	65.6	68.8	70.2	70.5	71.0	71.5	71.5	71.5	71.5	71.5	71.8	72.1	72.4	72.9
GE 3000	61.5	62.6	67.5	71.0	72.4	72.6	73.2	73.7	73.7	73.7	73.7	73.7	74.0	74.3	74.5	75.1
GE 2500	63.1	64.8	70.2	73.7	75.1	75.3	75.9	76.4	76.4	76.4	76.4	76.4	76.7	77.0	77.2	77.8
GE 2000	64.0	65.6	71.0	75.1	76.4	76.7	77.2	77.8	77.8	77.8	77.8	77.8	78.0	78.3	78.6	79.1
GE 1800	65.0	66.7	72.1	76.2	77.8	78.0	78.6	79.1	79.1	79.1	79.1	79.1	79.4	79.7	79.9	80.5
GE 1500	65.0	66.9	72.4	76.4	78.0	78.3	78.9	79.4	79.4	79.4	79.4	79.4	79.9	80.2	80.5	81.0
GE 1200	67.8	70.5	76.2	80.2	82.7	82.9	83.5	84.0	84.0	84.0	84.0	84.0	84.6	84.8	85.1	85.6
GE 1000	68.0	70.7	76.7	80.8	83.7	84.0	84.6	85.1	85.1	85.1	85.1	85.1	85.6	85.9	86.2	86.7
GE 900	68.6	71.8	78.6	82.7	85.9	86.2	86.7	87.3	87.3	87.3	87.3	87.3	87.8	88.1	88.3	88.9
GE 800	68.8	72.1	78.9	82.9	86.2	87.0	87.5	88.1	88.1	88.1	88.1	88.1	88.6	88.9	89.2	89.7
GE 700	68.8	72.1	78.9	82.9	86.2	87.0	87.5	88.1	88.1	88.1	88.1	88.1	88.6	88.9	89.2	89.7
GE 600	68.8	72.1	79.4	83.5	87.0	88.1	89.2	89.7	89.7	89.7	89.7	89.7	90.2	90.5	90.8	91.3
GE 500	68.8	72.1	79.4	83.5	87.0	88.1	89.4	90.2	90.5	90.5	90.5	90.5	91.1	91.3	91.6	92.1
GE 400	68.8	72.1	79.4	83.5	87.8	88.9	90.5	91.6	91.9	91.9	91.9	91.9	92.4	93.0	93.2	93.8
GE 300	68.8	72.1	79.4	83.5	89.2	90.2	92.4	93.5	93.8	93.8	93.8	93.8	94.3	94.9	95.1	95.7
GE 200	68.8	72.1	79.4	83.5	89.2	90.2	92.4	93.8	94.0	94.0	94.0	94.0	94.6	95.1	95.4	95.9
GE 100	68.8	72.1	79.4	83.5	89.2	90.5	92.7	94.0	94.3	94.6	94.6	94.6	95.7	96.2	97.6	98.1
GE 000	68.8	72.1	79.4	83.5	89.2	90.5	92.7	94.0	94.3	94.6	94.6	94.6	95.7	96.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 369

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.9	36.1	37.9	40.0	41.5	41.7	43.0	43.1	43.5	44.0	44.2	44.2	44.3	44.3	44.6	45.0
GE 20000	38.7	41.1	43.5	45.9	47.5	47.8	49.0	49.1	49.5	50.0	50.2	50.2	50.4	50.4	50.7	51.1
GE 18000	38.7	41.1	43.5	45.9	47.5	47.8	49.0	49.1	49.5	50.0	50.2	50.2	50.4	50.4	50.7	51.1
GE 16000	38.7	41.1	43.5	45.9	47.5	47.8	49.0	49.1	49.5	50.0	50.2	50.2	50.4	50.4	50.7	51.1
GE 14000	38.7	41.1	43.5	45.9	47.5	47.8	49.0	49.1	49.5	50.0	50.2	50.2	50.4	50.4	50.7	51.1
GE 12000	39.3	42.0	44.3	46.8	48.4	48.6	49.9	50.0	50.4	50.9	51.1	51.1	51.2	51.2	51.6	52.0
GE 10000	40.5	43.2	45.6	48.0	49.6	49.9	51.1	51.2	51.6	52.1	52.3	52.3	52.5	52.5	52.8	53.2
GE 9000	40.8	43.5	45.8	48.3	49.9	50.1	51.4	51.5	51.8	52.3	52.6	52.6	52.7	52.7	53.1	53.4
GE 8000	42.2	45.1	47.4	49.9	51.5	51.7	53.0	53.1	53.4	53.9	54.2	54.2	54.3	54.3	54.7	55.0
GE 7000	43.1	45.9	48.4	50.9	52.5	52.7	53.9	54.1	54.4	54.9	55.2	55.2	55.3	55.3	55.7	56.0
GE 6000	43.5	46.3	48.8	51.4	53.0	53.2	54.4	54.6	54.9	55.4	55.7	55.7	55.8	55.8	56.2	56.5
GE 5000	45.8	48.9	51.4	53.9	55.5	55.8	57.0	57.1	57.5	58.0	58.3	58.3	58.4	58.4	58.7	59.1
GE 4500	47.5	50.7	53.6	56.2	57.8	58.1	59.5	59.6	60.0	60.5	60.7	60.7	60.8	60.8	61.2	61.6
GE 4000	49.4	52.8	55.8	58.5	60.2	60.6	61.9	62.1	62.4	62.9	63.2	63.2	63.3	63.3	63.7	64.0
GE 3500	51.1	54.7	58.0	60.8	62.6	62.9	64.3	64.4	64.8	65.3	65.5	65.5	65.6	65.6	66.0	66.4
GE 3000	53.9	57.5	61.0	63.8	65.6	66.0	67.5	67.6	68.0	68.5	68.7	68.7	68.8	68.8	69.2	69.6
GE 2500	56.3	60.1	63.8	66.7	68.6	69.0	70.7	70.8	71.2	71.7	71.9	71.9	72.0	72.0	72.4	72.8
GE 2000	58.4	62.4	66.1	69.3	71.2	71.6	73.3	73.4	73.8	74.3	74.5	74.5	74.6	74.6	75.0	75.4
GE 1800	59.5	63.5	67.2	70.6	72.4	72.8	74.5	74.6	75.0	75.5	75.7	75.7	75.9	75.9	76.2	76.6
GE 1500	61.9	66.3	70.1	73.6	75.7	76.4	78.2	78.6	78.9	79.4	79.7	79.7	79.8	79.8	80.2	80.5
GE 1200	63.3	68.1	72.2	76.4	78.4	7.1	80.9	81.3	81.7	82.1	82.4	82.4	82.6	82.6	83.0	83.4
GE 1000	64.3	69.6	73.9	78.2	80.5	81.2	83.0	83.4	83.7	84.2	84.5	84.5	84.7	84.7	85.1	85.5
GE 900	64.9	70.2	74.5	79.1	81.4	82.1	84.1	84.5	85.0	85.5	85.7	85.8	86.1	86.1	86.5	86.8
GE 800	65.6	71.7	76.5	81.4	83.7	84.5	86.6	86.9	87.4	87.9	88.2	88.3	88.5	88.5	88.9	89.3
GE 700	66.3	72.5	77.5	82.8	85.3	86.3	88.4	88.8	89.3	89.8	90.0	90.1	90.4	90.4	90.8	91.1
GE 600	66.3	72.7	78.3	83.7	86.5	87.4	89.7	90.0	90.5	91.0	91.3	91.4	91.6	91.6	92.0	92.4
GE 500	66.3	72.9	78.6	84.1	86.8	87.8	90.4	90.8	91.4	91.9	92.1	92.2	92.7	92.7	93.1	93.5
GE 400	66.4	73.0	78.7	84.4	87.3	88.3	91.1	91.5	92.1	93.0	93.2	93.3	93.8	93.8	94.2	94.6
GE 300	66.4	73.0	78.8	84.5	87.7	88.9	91.7	92.1	92.7	93.7	94.0	94.1	94.7	94.7	95.2	95.7
GE 200	66.4	73.0	78.8	84.5	87.7	88.9	91.9	92.2	93.1	94.1	94.5	94.6	95.6	95.6	96.3	97.0
GE 100	66.4	73.0	78.8	84.5	87.7	88.9	91.9	92.4	93.6	94.6	95.0	95.1	96.3	96.3	97.5	98.9
GE 000	66.4	73.0	78.8	84.5	87.7	88.9	91.9	92.4	93.6	94.6	95.0	95.1	96.3	96.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 812

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.3	40.4	42.6	43.7	43.8	44.0	44.0	44.1	44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.6
GE 20000	42.5	46.3	49.0	50.2	50.4	50.8	50.8	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.3
GE 18000	42.6	46.5	49.1	50.3	50.5	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.5
GE 16000	42.6	46.5	49.1	50.3	50.5	50.9	50.9	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.5
GE 14000	43.1	46.9	49.6	50.8	51.0	51.3	51.3	51.5	51.5	51.6	51.6	51.6	51.7	51.7	51.7	51.9
GE 12000	44.4	48.2	50.9	52.0	52.3	52.6	52.6	52.7	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.2
GE 10000	45.8	49.6	52.5	53.8	54.0	54.4	54.4	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.9
GE 9000	45.9	49.7	52.6	53.9	54.1	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.8	54.8	54.8	55.1
GE 8000	47.4	51.2	54.1	55.4	55.6	56.0	56.0	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.6
GE 7000	48.3	52.1	55.4	56.7	56.9	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.8
GE 6000	48.8	52.7	56.0	57.3	57.5	57.8	57.8	58.0	58.0	58.1	58.1	58.1	58.2	58.2	58.2	58.4
GE 5000	50.1	54.4	57.7	59.0	59.3	59.7	59.7	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.3
GE 4500	52.5	57.5	60.9	62.1	62.5	62.8	62.8	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.4
GE 4000	54.7	59.7	63.2	64.7	65.2	65.5	65.5	65.6	65.6	65.7	65.7	65.7	65.9	65.9	65.9	66.1
GE 3500	56.1	61.2	64.7	66.2	66.7	67.0	67.1	67.2	67.2	67.4	67.4	67.4	67.5	67.5	67.5	67.7
GE 3000	58.2	63.8	67.5	69.1	69.6	69.9	70.0	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.6
GE 2500	60.5	66.6	70.4	72.0	72.6	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.8
GE 2000	63.2	69.3	73.4	75.0	75.6	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.8
GE 1800	64.9	71.1	75.1	76.8	77.4	77.7	77.9	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.5
GE 1500	68.5	75.3	79.9	81.6	82.3	82.7	82.9	83.0	83.0	83.2	83.2	83.3	83.4	83.4	83.4	83.6
GE 1200	70.7	77.6	82.6	84.3	85.0	85.4	85.7	85.9	85.9	86.2	86.2	86.3	86.4	86.4	86.4	86.6
GE 1000	71.5	79.0	84.4	86.4	87.1	87.6	87.9	88.3	88.3	88.5	88.5	88.6	88.7	88.7	88.7	89.0
GE 900	73.3	81.2	86.8	89.0	89.7	90.1	90.5	90.8	90.8	91.2	91.2	91.3	91.4	91.4	91.4	91.6
GE 800	74.2	82.1	87.8	90.0	90.7	91.2	91.6	92.0	92.0	92.3	92.3	92.5	92.6	92.6	92.6	92.8
GE 700	74.2	82.8	88.7	91.2	91.9	92.5	93.0	93.4	93.4	93.7	93.7	93.8	94.0	94.0	94.0	94.2
GE 600	74.6	83.5	89.7	92.2	93.1	93.8	94.5	94.9	94.9	95.2	95.2	95.4	95.5	95.5	95.5	95.7
GE 500	74.8	83.9	90.0	92.7	94.1	94.8	95.5	96.2	96.2	96.6	96.6	96.7	96.9	96.9	96.9	97.1
GE 400	74.8	83.9	90.1	93.3	95.1	95.8	96.6	97.3	97.4	97.9	97.9	98.0	98.1	98.1	98.1	98.4
GE 300	74.8	83.9	90.1	93.3	95.1	95.8	96.6	97.4	97.7	98.1	98.5	98.6	98.7	98.7	98.7	99.0
GE 200	74.8	83.9	90.1	93.3	95.1	95.8	96.7	97.6	97.8	98.3	98.6	98.7	99.4	99.4	99.4	99.8
GE 100	74.8	83.9	90.1	93.3	95.1	95.8	96.7	97.6	97.8	98.3	98.6	98.7	99.4	99.4	99.5	100.0
GE 000	74.8	83.9	90.1	93.3	95.1	95.8	96.7	97.6	97.8	98.3	98.6	98.7	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 861

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	47.6	47.8	47.8	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	55.3	57.1	57.3	57.3	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	55.4	57.2	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 16000	55.4	57.2	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 14000	56.7	58.5	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 12000	57.8	59.5	59.7	59.7	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	59.6	61.5	61.7	61.7	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 9000	59.9	61.7	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	61.0	62.9	63.1	63.1	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	62.0	63.9	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 6000	62.5	64.6	65.0	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	64.9	67.1	67.8	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	66.6	69.1	69.8	69.8	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4000	68.7	71.4	72.1	72.1	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3500	70.6	73.3	74.3	74.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3000	74.0	76.8	77.9	77.9	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	77.2	80.4	81.7	81.9	82.5	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	80.5	84.2	85.6	86.2	86.9	87.0	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 1800	81.1	84.9	86.5	87.2	87.9	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	83.4	87.6	89.6	90.3	91.0	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	84.2	89.0	91.1	91.9	92.6	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	84.6	90.0	92.1	93.0	93.8	94.0	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 900	85.5	90.9	93.1	94.0	95.0	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 800	85.8	91.2	93.7	94.9	95.8	96.0	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	86.0	91.7	94.2	95.4	96.4	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	86.2	92.3	94.7	96.0	97.0	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	86.2	92.3	95.0	96.3	97.4	97.7	98.2	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	86.2	92.3	95.1	96.5	97.9	98.1	98.7	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	86.2	92.3	95.1	96.5	98.1	98.4	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.2	92.3	95.1	96.5	98.1	98.4	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.2	92.3	95.1	96.5	98.1	98.4	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.2	92.3	95.1	96.5	98.1	98.4	98.9	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 857

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.8	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 20000	60.2	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 16000	60.6	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 14000	61.9	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	63.8	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	67.0	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 9000	67.6	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 8000	69.6	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	70.0	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 6000	71.0	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	71.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	73.2	74.5	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 4000	75.6	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3500	77.4	78.9	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 3000	78.9	81.2	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	81.8	84.4	84.6	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	83.9	86.8	87.1	87.9	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1800	84.3	87.6	88.0	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1500	85.5	89.2	89.8	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	86.8	91.1	91.8	92.7	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1000	86.9	91.4	92.1	93.1	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	87.4	91.9	93.1	94.2	95.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	87.6	92.3	93.7	95.0	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	87.7	92.5	94.2	95.5	96.5	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	87.9	92.6	94.4	95.7	96.9	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	88.0	92.7	94.9	96.2	97.5	97.6	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	88.0	92.7	95.1	96.4	98.0	98.1	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	88.0	92.7	95.2	96.5	98.1	98.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	88.0	92.7	95.2	96.5	98.1	98.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	99.9
GE 100	88.0	92.7	95.2	96.5	98.1	98.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	100.0
GE 000	88.0	92.7	95.2	96.5	98.1	98.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 840



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.0	55.0	55.0	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 20000	61.2	61.4	61.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 18000	61.3	61.5	61.5	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 16000	61.3	61.5	61.5	61.8	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 14000	62.9	63.2	63.2	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 12000	65.3	65.5	65.7	65.9	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 10000	68.4	68.7	68.8	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000	68.5	68.8	68.9	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 8000	71.1	71.4	71.6	71.8	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 7000	71.4	72.1	72.4	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 6000	72.4	73.1	73.6	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	74.2	75.2	75.9	76.3	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	75.4	76.4	77.2	77.6	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	76.4	77.4	78.2	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3500	78.7	79.7	80.5	80.8	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	79.6	81.0	81.7	82.1	82.3	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 2500	81.6	83.1	84.1	84.5	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	85.1	86.6	87.6	88.0	89.0	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1800	85.3	87.1	88.1	88.5	89.7	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1500	86.8	88.7	90.0	90.4	91.7	91.9	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1200	87.7	90.0	91.2	91.6	93.0	93.1	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	88.1	90.5	91.9	92.4	93.7	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	88.7	91.1	92.6	93.2	94.6	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	89.0	91.7	93.4	94.0	95.5	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	89.2	92.0	93.6	94.4	96.1	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	89.3	92.2	94.0	94.7	96.5	96.6	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	89.5	92.4	94.2	95.1	97.2	97.4	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	89.5	92.4	94.2	95.2	97.5	97.6	98.4	99.0	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	89.5	92.4	94.2	95.4	97.6	97.7	98.5	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	89.5	92.4	94.2	95.4	97.6	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	89.5	92.4	94.2	95.4	97.6	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.6	99.7	100.0	100.0
GE 000	89.5	92.4	94.2	95.4	97.6	97.7	98.5	99.2	99.2	99.5	99.6	99.6	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	58.8	58.8	59.1	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
GE 20000	62.3	63.2	63.2	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0
GE 18000	62.3	63.2	63.2	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0
GE 16000	62.3	63.2	63.2	63.6	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0
GE 14000	62.7	63.6	63.6	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
GE 12000	63.2	64.1	64.1	64.5	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 10000	65.5	66.4	66.4	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
GE 9000	65.5	66.4	66.4	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
GE 8000	68.4	69.4	69.5	69.9	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
GE 7000	68.9	69.9	70.1	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
GE 6000	69.5	70.6	70.7	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
GE 5000	71.1	72.8	73.4	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4
GE 4500	72.6	74.4	74.9	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 4000	74.2	76.0	76.6	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
GE 3500	75.8	77.7	78.3	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6
GE 3000	78.4	80.5	81.1	81.9	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
GE 2500	79.8	81.9	82.7	83.9	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5
GE 2000	82.2	84.3	85.2	86.4	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 1800	82.5	84.5	85.4	86.7	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.6
GE 1500	84.3	86.7	87.6	89.2	89.8	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 1200	85.5	88.2	89.3	91.0	91.6	91.6	92.0	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1000	86.2	88.8	90.2	91.9	92.8	92.8	93.1	93.4	93.4	93.5	93.5	93.5	93.7	93.7	93.7	93.7
GE 900	86.8	89.7	91.8	93.4	94.5	94.8	95.3	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 800	87.2	90.1	92.1	94.0	95.4	95.7	96.2	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 700	87.4	90.4	92.4	94.4	95.8	96.1	96.6	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 600	87.4	90.4	92.9	94.9	96.4	96.7	97.2	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 500	87.4	90.4	93.1	95.2	96.7	97.0	97.6	98.1	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 400	87.4	90.4	93.3	95.3	97.0	97.2	98.2	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 300	87.4	90.4	93.3	95.3	97.0	97.2	98.5	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 200	87.4	90.4	93.3	95.3	97.0	97.2	98.6	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.5
GE 100	87.4	90.4	93.3	95.3	97.0	97.2	98.6	99.1	99.1	99.2	99.2	99.2	99.4	99.5	99.7	99.9
GE 000	87.4	90.4	93.3	95.3	97.0	97.2	98.6	99.1	99.1	99.2	99.2	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 788

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	47.8	48.8	49.5	49.9	50.0	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.7
GE 20000	53.0	54.7	55.8	56.6	57.0	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.8	57.9
GE 18000	53.2	54.8	55.9	56.7	57.1	57.3	57.5	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.9	58.1
GE 16000	53.2	54.8	55.9	56.7	57.1	57.3	57.5	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.9	58.1
GE 14000	53.9	55.5	56.7	57.5	57.9	58.0	58.3	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.7	58.8
GE 12000	55.2	56.8	58.0	58.8	59.2	59.3	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.1
GE 10000	57.3	59.0	60.2	61.0	61.4	61.5	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.2	62.3
GE 9000	57.5	59.2	60.4	61.2	61.6	61.7	62.0	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.4	62.5
GE 8000	59.5	61.2	62.4	63.3	63.7	63.9	64.1	64.2	64.2	64.3	64.3	64.3	64.4	64.4	64.5	64.6
GE 7000	60.1	62.0	63.3	64.1	64.6	64.7	65.0	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.4	65.5
GE 6000	60.8	62.7	64.0	64.9	65.4	65.5	65.7	65.8	65.9	66.0	66.0	66.0	66.1	66.1	66.2	66.3
GE 5000	62.6	64.9	66.4	67.3	67.8	67.9	68.2	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.7
GE 4500	64.3	66.7	68.4	69.3	69.8	69.9	70.2	70.3	70.3	70.4	70.5	70.5	70.5	70.5	70.6	70.8
GE 4000	66.0	68.5	70.2	71.3	71.8	72.0	72.2	72.3	72.4	72.5	72.5	72.5	72.6	72.6	72.7	72.8
GE 3500	67.6	70.2	72.1	73.2	73.8	73.9	74.2	74.2	74.3	74.4	74.4	74.4	74.5	74.5	74.6	74.7
GE 3000	69.7	72.6	74.6	75.8	76.4	76.6	76.9	77.0	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.5
GE 2500	72.0	75.1	77.3	78.6	79.4	79.6	79.9	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.4	80.5
GE 2000	74.4	77.7	80.0	81.5	82.4	82.5	82.9	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.4	83.6
GE 1800	75.1	78.6	80.8	82.3	83.3	83.5	83.9	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.4	84.5
GE 1500	77.2	81.0	83.5	85.2	86.2	86.5	86.9	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.5	87.6
GE 1200	78.5	82.8	85.5	87.3	88.5	88.7	89.2	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.9	90.0
GE 1000	79.1	83.6	86.5	88.4	89.7	90.0	90.5	90.8	90.9	91.0	91.0	91.0	91.1	91.2	91.3	91.4
GE 00	79.9	84.5	87.7	89.7	91.2	91.5	92.1	92.3	92.4	92.6	92.6	92.6	92.7	92.7	92.8	93.0
GE 800	80.4	85.2	88.6	90.8	92.3	92.7	93.3	93.6	93.6	93.8	93.8	93.9	94.0	94.0	94.1	94.2
GE 700	80.6	85.6	89.1	91.4	93.0	93.4	94.1	94.4	94.5	94.6	94.7	94.7	94.8	94.8	94.9	95.0
GE 600	80.7	85.9	89.7	92.0	93.8	94.2	95.0	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.9	96.0
GE 500	80.8	86.0	89.9	92.3	94.3	94.7	95.7	96.2	96.3	96.5	96.5	96.6	96.7	96.7	96.8	96.9
GE 400	80.8	86.0	90.0	92.6	94.9	95.3	96.5	97.0	97.2	97.5	97.5	97.6	97.7	97.7	97.8	97.9
GE 300	80.8	86.0	90.1	92.6	95.1	95.6	96.9	97.5	97.6	97.9	98.0	98.1	98.2	98.3	98.4	98.6
GE 200	80.8	86.0	90.1	92.6	95.1	95.6	96.9	97.6	97.7	98.1	98.2	98.2	98.5	98.6	98.8	99.0
GE 100	80.8	86.0	90.1	92.6	95.1	95.6	96.9	97.6	97.8	98.2	98.3	98.4	98.7	98.8	99.2	99.6
GE 000	80.8	86.0	90.1	92.6	95.1	95.6	96.9	97.6	97.8	98.2	98.3	98.4	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	50.5	52.9	54.1	54.8	55.0	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6
GE 20000	52.5	58.7	61.5	62.9	63.7	63.9	64.2	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.6
GE 18000	52.6	58.9	61.7	63.1	63.9	64.0	64.3	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7
GE 16000	52.7	58.9	61.7	63.1	63.9	64.1	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.7	64.7	64.7
GE 14000	53.1	59.3	62.2	63.6	64.4	64.5	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.2	65.2
GE 12000	54.3	60.8	63.7	65.1	66.0	66.1	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8
GE 10000	57.2	64.1	67.1	68.6	69.5	69.7	70.0	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.3	70.4
GE 9000	57.5	64.3	67.4	68.9	69.8	69.9	70.2	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6
GE 8000	59.8	66.9	70.1	71.7	72.6	72.8	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5
GE 7000	60.1	67.3	70.5	72.1	73.0	73.2	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.9	73.9
GE 6000	60.4	67.7	71.0	72.6	73.5	73.6	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.4
GE 5000	61.5	69.0	72.4	74.0	75.0	75.1	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9
GE 4500	62.4	70.0	73.4	75.1	76.0	76.2	76.5	76.7	76.7	76.8	76.8	76.8	76.9	76.9	76.9	76.9
GE 4000	63.8	71.6	75.1	76.9	77.9	78.0	78.4	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.8
GE 3500	65.1	73.1	76.8	78.6	79.7	79.9	80.2	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.7
GE 3000	67.3	75.6	79.4	81.3	82.5	82.7	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5
GE 2500	68.8	77.4	81.3	83.3	84.5	84.7	85.1	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
GE 2000	70.3	79.2	83.3	85.4	86.6	86.8	87.3	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.8
GE 1800	70.9	79.9	84.0	86.1	87.4	87.6	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5
GE 1500	72.3	81.8	86.1	88.4	89.8	90.0	90.5	90.7	90.7	90.8	90.9	90.9	90.9	90.9	91.0	91.0
GE 1200	73.3	83.1	87.6	90.0	91.5	91.7	92.3	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.8	92.8
GE 1000	73.8	83.9	88.6	91.2	92.8	93.1	93.7	93.9	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.3
GE 900	74.3	84.6	89.5	92.2	93.9	94.1	94.8	95.0	95.1	95.2	95.2	95.3	95.3	95.4	95.4	95.4
GE 800	74.5	85.0	90.0	92.8	94.6	94.8	95.5	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.2
GE 700	74.7	85.3	90.4	93.3	95.2	95.5	96.2	96.4	96.5	96.7	96.7	96.7	96.8	96.8	96.9	96.9
GE 600	74.9	85.6	90.8	93.8	95.8	96.1	96.9	97.2	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.8
GE 500	74.9	85.7	91.0	94.1	96.3	96.7	97.5	97.9	98.0	98.3	98.3	98.3	98.4	98.4	98.5	98.5
GE 400	75.0	85.8	91.1	94.2	96.5	96.9	97.8	98.3	98.4	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 300	75.0	85.8	91.2	94.3	96.6	97.0	98.0	98.5	98.7	99.0	99.1	99.1	99.3	99.3	99.4	99.4
GE 200	75.0	85.8	91.2	94.3	96.6	97.0	98.0	98.5	98.7	99.1	99.2	99.3	99.5	99.5	99.6	99.7
GE 100	75.0	85.8	91.2	94.3	96.6	97.0	98.1	98.5	98.7	99.1	99.3	99.3	99.5	99.6	99.7	99.9
GE 000	75.0	85.8	91.2	94.3	96.6	97.0	98.1	98.5	98.7	99.1	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 73618

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	31.8	17.7	12.8	36.4	1.4	50.5	1.9	368
03-05	32.4	13.8	13.8	38.1	1.9	53.8	3.2	370
06-08	22.0	20.2	18.2	36.7	2.8	57.7	4.5	889
09-11	14.8	22.8	24.2	37.4	.9	62.4	2.1	894
12-14	14.1	25.0	26.8	33.9	.2	60.9	1.3	896
15-17	13.1	28.1	28.2	30.2	.3	58.8	1.0	893
18-20	24.4	24.1	18.8	32.2	.5	51.5	1.4	887
21-23	33.5	16.4	17.5	31.3	1.2	50.1	1.9	884
ALL HOURS	21.0	21.0	21.0	34.0	1.0	56.0	2.0	6081

MONTH: FEB HOURS: ALL

00-02	26.5	12.4	20.4	40.4	.3	61.1	.6	339
03-05	25.3	12.4	16.8	44.7	.9	62.4	2.6	340
06-08	14.5	24.5	18.5	41.2	1.3	61.0	2.4	849
09-11	14.6	22.4	22.6	39.8	.6	63.0	2.1	849
12-14	12.6	22.9	27.6	37.0		64.5	.5	849
15-17	11.3	25.9	26.3	36.4	.1	62.8	.6	847
18-20	19.5	25.6	18.6	36.2	.1	54.9	.4	843
21-23	31.2	16.4	16.3	35.5	.7	52.4	.1	843
ALL HOURS	18.3	21.7	21.3	38.3	.5	60.0	1.1	5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	42.5	11.6	11.6	33.1	1.3	46.0	.3	372
03-05	34.4	13.7	14.5	34.9	2.4	51.9	1.3	372
06-08	18.4	21.5	24.1	34.2	1.8	60.1	1.8	930
09-11	18.0	22.7	27.3	31.8	.2	59.4	1.5	930
12-14	15.3	22.9	31.3	30.5		61.8		930
15-17	13.3	26.9	31.6	28.2		59.8	.1	930
18-20	18.8	29.5	24.5	27.2		51.6	.1	924
21-23	35.7	19.5	15.9	28.7	.2	44.9	.8	894
ALL HOURS	22.0	22.0	24.0	30.0	.0	55.0	.0	6282

MONTH: APR HOURS: ALL

00-02	49.4	15.0	15.8	19.2	.6	35.6	.6	360
03-05	42.6	20.3	16.4	19.2	1.5	37.2	1.5	390
06-08	21.3	26.7	26.2	24.8	1.0	52.0	2.1	900
09-11	18.0	30.2	28.3	23.3	.1	51.8	.6	900
12-14	11.6	35.9	30.9	21.7		52.6		900
15-17	13.0	33.1	30.7	23.2		53.9		900
18-20	20.5	32.7	24.0	22.8		46.8		881
21-23	37.0	22.0	14.9	26.2		41.0		814
ALL HOURS	23.2	28.7	24.8	23.1	.3	48.2	.5	6045

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	39.2	23.1	19.4	18.0	.3	37.6	.5	372
03-05	23.5	28.9	24.2	22.8	.7	47.7	2.9	558
06-08	17.7	28.2	27.8	26.0	.2	54.1	2.2	930
09-11	12.9	33.1	32.0	21.9		54.0	.2	930
12-14	5.9	34.4	42.0	17.6		59.7		930
15-17	6.0	39.4	35.7	18.9		54.6		930
18-20	13.6	38.8	27.5	20.0		47.6	.1	919
21-23	37.2	25.9	18.6	18.3		36.8	.3	733
ALL HOURS	16.0	32.0	29.0	20.0	.0	50.0	.0	6302

MONTH: JUN HOURS: ALL

00-02	34.4	33.6	19.2	12.8		31.9	.8	360
03-05	18.1	38.3	25.2	17.4	.9	43.5	3.7	540
06-08	15.1	32.4	32.6	19.2	.7	52.4	2.7	900
09-11	9.0	41.7	34.3	15.0		49.3	.9	900
12-14	2.7	46.4	39.2	11.7		50.9	1.1	900
15-17	4.0	44.9	35.1	16.0		51.1	1.4	900
18-20	10.0	37.7	33.7	18.7		52.3	1.8	900
21-23	27.2	31.9	24.4	16.5		40.9	1.1	721
ALL HOURS	12.8	39.0	31.9	16.1	.2	48.2	1.7	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	29.3	28.5	29.0	13.2		42.2	2.7	372
03-05	16.8	41.6	26.5	14.2	.9	41.6	5.4	558
06-08	15.8	35.5	31.8	16.1	.8	48.7	4.1	930
09-11	9.2	40.1	36.9	13.8		50.6	1.6	930
12-14	1.7	45.5	42.4	10.4		52.8	1.7	926
15-17	2.0	43.2	39.0	15.8		54.9	1.3	922
18-20	8.2	35.4	35.3	21.1		56.4	1.7	918
21-23	23.7	32.9	26.3	17.2		43.4	1.2	739
ALL HOURS	11.0	38.0	34.0	15.0	.0	49.0	2.0	6295

MONTH: AUG HOURS: ALL

00-02	33.5	33.1	21.3	12.0		33.3	1.1	465
03-05	23.4	43.2	19.8	12.3	1.3	33.4	3.2	620
06-08	13.0	39.6	30.4	16.2	.8	47.4	6.1	930
09-11	9.1	43.3	35.6	11.9		47.5	3.2	930
12-14	.2	48.8	41.6	9.4		51.0	2.8	930
15-17	1.6	43.0	40.6	14.7		55.4	3.1	930
18-20	9.3	36.6	37.3	16.8		54.2	3.3	927
21-23	24.2	35.7	24.2	16.0		40.2	1.9	774
ALL HOURS	12.3	40.9	32.8	13.8	.2	46.8	3.3	6506



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	43.6	25.0	15.8	15.6		31.4	.6	360
03-05	34.6	30.0	14.8	19.4	1.1	35.4	3.3	540
06-08	19.6	36.2	22.1	21.4	.7	44.2	4.0	900
09-11	14.1	41.2	25.0	19.7		44.7	1.0	900
12-14	4.0	44.7	34.7	16.7		51.3	.9	900
15-17	6.0	44.9	31.0	18.0	.1	49.1	.9	900
18-20	19.2	38.8	23.0	19.0		42.0	.7	900
21-23	35.3	30.6	19.2	14.7	.3	34.2	.6	723
ALL HOURS	19.0	37.0	24.0	18.0	.0	43.0	1.0	6123

MONTH: OCT HOURS: ALL

00-02	51.3	16.7	11.8	19.1	1.1	32.0	2.2	372
03-05	45.7	16.0	14.2	22.9	1.1	38.2	3.9	536
06-08	23.6	28.9	21.8	23.5	2.2	47.5	3.2	927
09-11	24.3	30.7	23.4	21.6		45.0	.3	927
12-14	17.9	36.1	25.4	20.6		46.0	.2	927
15-17	17.7	36.0	26.2	20.1		46.3	.2	927
18-20	31.9	29.1	18.7	20.3		38.9		927
21-23	46.5	20.8	12.4	20.4		32.8		766
ALL HOURS	29.5	28.5	20.4	21.1	.5	42.0	1.0	6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	29.2	15.6	21.7	33.6		55.3	2.5	360
03-05	27.9	11.6	20.4	37.6	2.5	60.5	5.8	362
06-08	18.7	23.7	23.2	32.2	2.1	57.5	3.6	897
09-11	15.8	26.3	23.4	34.1	.3	57.9	1.1	897
12-14	15.3	26.5	29.7	28.5		58.2		897
15-17	15.1	28.1	31.3	25.5		56.9		897
18-20	29.9	22.1	20.4	27.6		48.0	.1	897
21-23	37.7	19.4	15.0	27.7	.2	42.9	.6	896
ALL HOURS	22.0	23.0	23.0	30.0	.0	54.0	1.0	6103

MONTH: DEC HOURS: ALL

00-02	37.2	13.3	20.1	26.6	2.7	49.5	3.0	368
03-05	35.0	12.7	17.1	31.7	3.5	52.3	5.4	369
06-08	18.3	24.1	20.9	32.9	3.7	57.5	3.4	812
09-11	14.4	23.7	27.8	32.6	1.5	61.9	2.2	861
12-14	14.8	26.4	30.0	28.7	.1	58.8	.8	857
15-17	14.8	29.5	28.7	26.8	.2	55.7	.7	840
18-20	30.1	22.6	19.8	27.1	.5	47.4	.5	798
21-23	38.3	18.5	17.1	25.5	.5	43.1	.5	788
ALL HOURS	23.4	22.8	23.5	29.0	1.4	53.8	1.7	5693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	37.3	20.8	18.3	23.0	.6	41.9	1.4	4468
03-05	29.	25.7	19.1	24.4	1.5	45.0	3.6	5555
06-08	18.2	28.6	24.9	26.9	1.5	53.3	3.3	10794
09-11	14.5	31.6	28.5	25.1	.3	53.8	1.4	10848
12-14	9.6	34.8	33.5	22.1	.0	55.6	.3	10842
15-17	9.8	35.4	32.1	22.7	.1	54.9	.8	10816
18-20	19.5	31.2	25.3	24.0	.1	49.3	.8	10721
21-23	34.1	23.8	18.3	23.6	.3	42.2	.8	9575
ALL HOURS	19.4	30.0	26.1	24.0	.5	50.6	1.5	73619

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).  
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

S. # (ION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 105							.1						.0
GE 100						1.5	2.7	1.8	.3				.5
GE 95					2.6	19.1	25.1	20.3	6.3	.2			6.2
GE 90				1.0	21.0	59.0	68.4	66.2	36.2	2.7			21.4
GE 85		.1	2.5	16.5	52.9	85.7	93.1	92.7	67.9	17.3	.6		36.0
GE 80	.7	2.3	13.9	42.9	79.2	96.7	98.3	98.4	85.7	45.1	7.2	1.4	47.9
GE 75	5.7	10.2	31.3	64.5	92.3	99.3	99.8	99.8	94.3	67.8	23.5	6.9	58.3
GE 70	15.4	23.8	49.5	81.7	97.6	99.7	100.0	99.9	97.9	85.8	41.9	16.1	67.7
GE 65	26.5	38.9	65.3	92.2	99.6	100.0		100.0	99.5	95.1	61.9	30.1	76.0
GE 60	40.7	55.4	80.7	98.4	100.0				99.9	98.6	77.8	47.2	85.4
GE 55	57.8	70.2	90.4	99.5					100.0	99.9	88.9	64.8	89.4
GE 50	72.4	82.7	96.4	99.8						100.0	95.8	81.8	94.1
GE 45	86.2	92.5	99.2	100.0							99.0	91.8	97.
GE 40	93.6	98.0	99.7								99.6	97.3	99.0
GE 35	97.4	99.7	99.9								99.9	99.7	99.7
GE 33	98.3	99.9	100.0								99.9	99.8	99.8
GE 30	99.1	99.9									100.0	99.9	99.9
GE 25	99.9	100.0										99.9	100.0
GE 20	100.0											100.0	100.0
MEAN	56.7	60.6	68.4	76.8	84.2	90.0	91.3	90.9	86.3	77.6	66.8	58.8	75.8
SD	11.25	10.70	9.90	7.73	6.27	5.19	4.67	4.48	6.54	7.27	9.39	10.14	14.91
TOTAL OBS	1629	1497	1643	1589	1643	1590	1643	1643	1560	1642	1589	1613	19281

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608 3701-8908  
MONTH: ALL HOURS: ALL

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80						.2	.1	.1		.1			.0
GE 75				.1	.5	12.9	27.0	23.6	5.1	.3			5.9
GE 70			.3	1.1	13.9	66.7	91.5	86.9	45.8	5.5	.1	.2	26.2
GE 65	.7	.9	3.4	11.4	49.8	91.4	99.1	98.2	73.3	17.8	2.9	.9	37.7
GE 60	3.9	4.3	11.9	31.7	74.9	98.1	100.0	100.0	89.8	34.8	10.6	3.7	47.2
GE 55	8.9	11.2	26.1	54.2	89.8	99.6			96.3	56.6	20.6	9.5	56.3
GE 50	16.9	19.8	42.5	74.3	97.5	100.0			99.3	75.1	36.4	17.3	65.2
GE 45	27.7	34.5	61.1	90.3	99.9				99.9	89.8	53.6	30.5	74.2
GE 40	41.8	53.0	78.3	97.4	100.0				100.0	97.1	70.7	47.1	82.3
GE 35	59.1	71.7	91.8	99.7						99.7	86.7	66.6	89.7
GE 33	67.7	78.4	95.5	99.7						99.9	91.2	75.4	92.4
GE 30	79.3	86.8	98.1	100.0						100.0	96.2	86.7	95.6
GE 25	92.2	96.1	99.5								99.1	96.2	98.6
GE 20	96.5	99.4	100.0								99.8	99.2	99.6
GE 15	98.8	99.9									99.9	99.9	99.9
GE 10	99.6	100.0									100.0	99.9	100.0
GE 5	99.9											100.0	100.0
GE 0	100.0												100.0

MEAN	38.3	40.8	47.6	55.0	63.2	70.4	72.9	72.4	67.5	55.8	45.8	39.9	55.9
SD	10.98	10.13	9.46	7.80	6.08	4.15	2.64	2.94	5.84	8.60	10.00	10.01	14.92
TOTAL OBS	1629	1497	1643	1589	1643	1590	1643	1643	1560	1642	1589	1613	19281



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90						.6	1.0						.1
GE 85					.7	13.5	23.2	19.8	3.1	.1			5.1
GE 80				.6	14.2	63.1	82.5	79.7	40.4	2.5			23.8
GE 75		.1	2.4	10.8	50.2	91.6	98.3	98.1	70.8	15.1	1.1	.3	36.8
GE 70	1.8	2.4	9.9	35.1	79.4	98.6	99.9	99.8	89.9	37.9	7.7	1.9	47.3
GE 65	6.9	9.0	25.5	61.4	93.8	99.9	100.0	100.0	97.3	63.5	20.1	7.4	57.4
GE 60	14.6	21.0	45.7	81.4	99.1	100.0			99.2	83.4	38.1	15.6	66.8
GE 55	24.7	35.5	65.1	93.9	100.0				99.9	95.3	58.0	28.1	75.3
GE 50	40.9	54.0	81.2	98.7					100.0	99.1	77.0	45.9	83.2
GE 45	60.4	72.6	93.1	99.7						99.9	90.9	69.1	90.6
GE 40	78.9	87.5	98.1	99.9						100.0	97.2	88.0	95.9
GE 35	91.0	96.1	99.7	100.0							99.1	95.4	98.5
GE 33	93.6	97.9	99.8								99.6	97.5	99.0
GE 30	96.4	99.2	99.9								99.9	98.9	99.5
GE 25	98.6	99.9	100.0								99.9	99.8	99.8
GE 20	99.5	100.0									100.0	99.9	99.9
GE 15	99.9											100.0	100.0
GE 10	100.0												100.0
MEAN	47.6	50.9	58.1	66.1	73.9	80.4	82.3	81.8	77.0	66.8	56.4	49.5	66.0
SD	10.40	9.65	8.93	7.00	5.48	4.05	3.20	3.22	5.48	7.15	8.93	9.31	14.54
TOTAL OBS	1629	1497	1643	1589	1643	1590	1643	1643	1560	1642	1589	1613	19281

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										88	88	67	88*
36	77	77	87	89	95	101	104	100					104*
37	80	80	79	87	98	98	97	96	92	90	77	72	98
38	74	77	84	89	94	94	96	101	96	91	85	73	101
39	75	81	84	85	92	97	100	96	94	91	78	75	100
40	67	73	82	86	93	94	98	97	97	87	79	73	98
41	70	67	75	87	96	96	97	97	97	94	78	76	97
42									95	86	80	79	95*
43	79	77	83	93	92	99	102	102	93	88	83	78	102
44	78	81	80	86	94	102	100	97	96	90	80	74	102
45	69	82	88	88	96	100	97	97	98	89	84	65	100
46	77	77	86	89	91	95	94	95	92	86	83	77	95
47	78	72	85	88	92	96	96	103	97	89	75	75	103
48	70	82	86	88	95	98	98	99	95	85	83	77	99
49	80	79	85	87	93	94	98	95	92	89	79	78	98
50	80	80	85	85	93	99	96	95	93	85	84	76	99
51	74	80	85	89	97	98	99	101	99	91	80	82	101
52	78	78	83	88	93	102	104	100	92	91	82	75	104
53	76	75	82	89	98	99	100	100	97	87	79	73	100
54	76	80	88	89	97	104	100	103	100	96	77	75	104
55	75	76	86	90	93	93	98	97	96	90	83	78	98
56	72	81	85	88	95	98	97	100	95	88	80	76	100
57	81	85	79	88	92	96	96	100	97	82	83	72	100
58	70	72	73	89	95	99	96	95	96	88	83	69	99
59	77	79	81	87	92	98	97	97	95	95	83	74	98
60	73	78	77	88	96	97	98	96	96	88	78	71	98
61	65	77	84	85	90	94	95	95	95	87	84	78	95
62	76	84	81	87	97	96	101	99	99	86	78	73	101
63	72	77	84	87	92	99	93	97	93	86	80	66	99
64	68	65	81	85	93	98	91	95	95	84	80	75	98
65	75	77	82	87	93	92	93	94	93	85	84	75	94

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	77	76	82	88	92	95	105	95	95	87	79	76	105
67	77	75	87	89	93	95	91	92	89	87	84	78	95
68	71	69	85	85	88	98	100	98	94	89	82	75	100
69	75	78	86	88	96	104	103	93	95	87	79	74	104
70	74	72	79	92	95	97	99	94	95	91	76	81	99
71	82	80	77	87	90	96	100	93	92	91	87	83	100
72	79	81	82	92	88	98	97	97	97	88	83	80	98
73	73	71	86	82	89	91	94	94	93	91	83	77	94
74	78	79	86	85	89	90	93	92	91	81	82	75	93
75	81	81	86	89	95	94	95	95	94	91	82	77	95
76	71	79	87	90	85	95	100	96	90	88	74	67	100
77	65	84	84	90	95	100	101	94	93	91	78	82*	101*
78	69	71	85	88	94	102	99	97	98	85	84	82*	102*
79	70	78	82	84	88	97	99	95	94	86	77	76*	99*
80	70	83	84	88	91	95	104	100	101	86	79	76*	104*
81	67*	78	82	86	91	100	99	95	94	92	79	72	100*
82	77	78	85	83	91	94	94	97	96	90	85	84	97
83	69	70	80	83	88	91	98	101	93	90	80	81	101
84	67	75	84	85	89	96	97	92	94	88	80	81	97
85	77	77	86	89	94	102	96	94	93	89	85	75	102
86	72	79	84	90	93	98	99	99	95	93	86	76	99
87	74	74	79	90	91	96	101	100	96	87	83	81	101
88	74	77	84	93	93	99	96	97	91	82	79	76	99
89	77	83	86	90	94	94	94	100					100*

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 3510-3608, 3701-8908

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	82	85	88	93	98	104	105	103	101	96	88	84	105
TOTAL OBS	1629	1497	1643	1589	1643	1590	1643	1643	1560	1642	1589	1613	19281

THE GREATEST VALUE OF 105 OCCURRED ON 07/14/66

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										43	26	18	18*
36	18	20	37	36	56	58	62	62					18*
37	40	26	30	39	53	67	62	68	53	32	23	15	15
38	22	27	32	38	52	63	68	67	52	36	21	27	21
39	32	26	36	38	48	68	70	63	60	38	29	26	26
40	10	26	31	30	45	59	64	65	48	44	22	30	10
41	29	26	26	45	49	64	71	68	62	48	30	30	26
42									47	33	33	26	26*
43	22	21	20	38	53	69	64	63	54	38	30	20	20
44	27	25	33	38	43	62	65	65	62	43	34	22	22
45	25	26	38	43	47	62	70	65	59	45	27	17	17
46	26	31	39	44	51	57	68	61	54	44	38	32	26
47	28	19	24	45	49	60	62	70	50	52	32	30	19
48	10	30	32	47	52	63	71	64	58	36	37	26	10
49	29	30	31	39	58	63	71	66	48	44	29	28	28
50	33	33	32	36	61	61	65	64	59	49	14	21	14
51	23	12	33	38	51	67	69	67	57	45	25	20	12
52	26	31	34	38	48	68	69	62	58	33	31	23	23
53	28	29	39	39	54	65	65	64	58	39	35	21	21
54	27	27	28	43	48	57	71	68	59	35	26	25	25
55	24	21	24	45	53	58	68	70	66	38	23	22	21
56	26	34	34	42	51	52	67	62	56	50	26	30	26
57	22	35	34	41	50	67	70	63	55	35	32	20	20
58	23	15	35	40	48	63	65	66	57	44	29	24	15
59	20	28	34	37	52	66	70	69	62	46	24	28	20
60	19	26	23	38	44	65	71	69	61	40	31	18	18
61	18	27	36	40	46	61	67	68	53	39	30	23	18
62	11	27	28	37	53	66	69	68	49	33	28	7	7
63	4	16	33	41	45	58	62	65	55	38	31	18	4
64	19	23	30	42	51	57	66	65	53	37	27	23	19
65	17	22	29	43	49	58	68	66	53	36	27	22	17

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	7	23	27	39	46	52	68	61	57	43	28	19	7
67	26	20	32	46	50	61	61	65	42	40	32	26	20
68	23	21	25	41	46	58	69	60	56	33	27	20	20
69	18	29	25	46	52	57	71	64	54	45	24	29	18
70	10	17	31	40	52	60	62	69	54	46	17	24	10
71	16	15	28	36	45	64	67	67	60	41	28	33	15
72	10	24	33	38	53	52	64	68	55	45	32	26	10
73	23	23	36	33	47	64	70	65	54	40	38	25	23
74	35	23	34	39	53	57	65	65	54	39	30	21	21
75	27	31	32	42	60	66	69	71	45	43	31	19	19
76	18	25	41	47	49	60	70	65	55	35	23	21	18
77	5	25	36	46	54	59	72	70	64	40	35	26*	5*
78	22	24	26	46	52	63	71	69	65	40	45	28*	22*
79	19	22	35	44	51	62	67	62	61	43	26	27*	19*
80	27	22	21	45	52	59	70	67	62	39	30	30*	21*
81	15*	21	34	44	49	62	67	66	51	44	29	19	15*
82	7	27	31	36	52	63	70	70	50	37	34	32	7
83	26	27	34	38	49	58	67	68	46	43	37	16	16
84	20	22	27	44	46	50	70	65	56	44	31	25	20
85	3	23	37	40	57	59	64	68	52	46	41	16	3
86	16	25	29	39	50	67	68	63	65	40	35	33	16
87	19	26	33	30	60	64	68	71	55	36	28	25	19
88	25	22	30	45	53	61	67	69	58	42	35	26	22
89	34	23	36	37	47	68	71	65					23*

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

LEAST	3	12	20	30	43	50	61	60	42	32	14	7	3
TOTAL OBS	1629	1497	1643	1589	1643	1590	1643	1643	1560	1642	1589	1613	19281

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
35										69	58	42	56*
36	48	49	62	64	76	83	84	83					69*
37	60	50	54	64	74	81	82	81	74	63	51	48	65
38	48	55	64	65	74	79	81	83	76	67	57	47	66
39	52	55	60	64	73	81	83	80	79	67	53	49	66
40	36	46	56	63	70	79	80	82	75	67	55	52	64
41	48	45	52	67	76	80	82	82	80	74	55	51	66
42									75	68	57	49	62*
43	50	52	55	66	76	84	83	84	75	64	53	48	66
44	48	56	59	65	76	83	82	81	78	67	56	48	67
45	47	54	66	68	71	82	83	83	80	65	57	43	67
46	47	52	63	69	73	78	80	80	74	66	61	52	66
47	51	44	51	67	73	79	80	82	79	72	54	49	65
48	41	54	61	70	75	82	83	80	75	63	59	53	66
49	56	56	57	64	75	79	82	81	75	72	54	51	67
50	63	56	55	62	77	81	81	81	75	69	51	43	66
51	50	53	59	65	74	82	84	86	79	69	51	54	67
52	56	54	57	65	75	85	86	83	76	61	55	49	67
53	52	52	62	64	78	83	83	82	77	68	55	48	67
54	50	55	58	71	70	83	85	86	81	68	54	48	67
55	47	53	62	70	77	77	83	83	80	65	55	49	67
56	46	57	58	65	77	80	83	83	76	68	54	57	67
57	52	60	57	68	75	81	83	83	77	63	59	51	68
58	44	43	56	67	75	81	82	83	79	66	59	46	65
59	46	52	56	66	76	80	83	84	77	69	54	49	66
60	47	48	49	67	71	81	84	82	78	69	57	45	65
61	42	55	61	63	72	78	82	81	78	66	59	51	65
62	47	59	55	64	80	80	84	83	77	67	54	47	66
63	42	44	60	67	73	78	79	83	76	69	56	42	64
64	46	44	56	66	72	81	79	80	77	62	58	51	64
65	48	49	54	68	76	78	80	80	77	65	60	49	65



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: +06

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	43	51	57	68	73	78	84	81	77	66	58	49	66
67	48	48	62	71	72	78	79	78	71	64	54	53	65
68	44	42	55	65	72	80	81	81	77	67	54	46	64
69	48	50	52	69	75	81	85	80	76	68	54	48	65
70	42	48	57	70	75	79	82	81	81	68	52	53	66
71	49	50	54	64	71	81	81	80	78	70	55	59	66
72	53	50	58	67	72	79	81	82	80	67	54	53	66
73	47	47	62	62	70	78	81	80	79	70	62	51	66
74	61	51	61	63	73	74	80	78	73	62	54	48	65
75	53	56	59	66	77	81	81	82	73	66	58	48	67
76	44	57	64	70	70	79	83	81	76	62	49	44	65
77	37	51	63	72	77	83	84	83	79	65	61	49*	67*
78	40	44	55	67	74	82	84	83	80	66	64	52*	66*
79	42	48	59	67	73	80	81	81	76	66	56	49*	65*
80	51	48	58	65	73	80	84	83	80	64	55	50*	66*
81	41*	51	56	69	70	83	83	81	77	66	58	47	66*
82	47	51	61	63	74	79	81	83	77	69	61	56	67
83	44	50	55	62	72	78	83	83	75	68	59	48	65
84	44	50	57	64	71	80	82	79	76	75	56	60	66
85	40	48	63	69	75	80	80	81	77	72	66	45	66
86	46	55	59	66	75	81	84	80	81	69	63	50	67
87	47	51	57	62	76	81	85	85	78	62	58	54	66
88	46	49	58	66	73	82	81	83	78	63	60	50	66
89	55	51	60	64	74	80	82	83					69*

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

PERIOD OF RECORD: 3510-3608,3701-8908  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	47.6	50.9	58.1	66.1	73.9	80.4	82.3	81.8	77.0	66.8	56.4	49.5	66.0
TOTAL OBS	1629	1497	1643	1589	1643	1590	1643	1643	1560	1642	1589	1613	19281

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.0	9.597	368	0	40	10	0	0	368
03-05	42.1	10.115	370	0	62	5	0	0	370
06-08	39.3	10.737	889	0	237	6	0	0	889
09-11	45.7	10.130	894	0	74	32	0	0	894
12-14	52.2	10.465	896	0	27	106	0	0	896
15-17	52.8	10.142	893	0	25	102	0	0	893
18-20	47.1	9.345	887	0	50	29	0	0	887
21-23	43.8	9.694	884	0	90	15	0	0	884
ALL HOURS	46.4	11.056	6081	0	605	305	0	0	6081

MONTH: FEB

00-02	46.8	10.419	339	0	27	18	0	0	339
03-05	44.9	10.524	340	0	47	13	0	0	340
06-08	43.6	10.476	849	0	149	16	0	0	849
09-11	50.3	10.681	849	0	40	90	0	0	849
12-14	56.7	11.321	849	0	4	250	5	0	849
15-17	57.8	11.213	847	0	1	272	8	0	847
18-20	52.2	9.923	843	0	12	107	0	0	843
21-23	48.1	9.593	843	0	41	37	0	0	843
ALL HOURS	50.8	11.657	5759	0	321	803	13	0	5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	52.5	8.772	372	0	4	32	0	0	372
03-05	50.4	9.221	372	0	15	16	0	0	372
06-08	51.3	9.571	930	0	20	71	0	0	930
09-11	59.7	9.726	930	0	4	314	5	0	930
12-14	66.0	10.178	930	0	1	531	80	0	930
15-17	67.0	10.167	930	0	0	569	101	0	930
18-20	60.8	9.242	924	0	3	343	1	0	924
21-23	55.9	8.875	893	0	6	164	0	0	893
ALL HOURS	59.1	11.197	6281	0	53	2040	187	0	6281

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.9	8.063	360	0	0	63	0	0	360
03-05	54.6	8.336	390	0	5	42	0	0	390
06-08	58.1	7.957	900	0	2	196	0	0	900
09-11	67.7	8.052	900	0	0	595	60	0	900
12-14	73.1	8.420	900	0	0	760	247	0	900
15-17	73.9	8.335	900	0	0	780	264	1	900
18-20	67.3	7.717	881	0	0	577	38	0	881
21-23	61.4	7.400	814	0	0	303	0	0	814
ALL HOURS	65.6	10.381	6045	0	7	3316	609	1	6045

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FRO HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	67.2	5.482	372	0	0	260	0	0	372
03-05	64.5	6.281	558	0	0	321	0	0	558
06-08	67.7	6.158	930	0	0	673	13	0	930
09-11	76.4	5.897	930	0	0	902	311	0	930
12-14	80.8	6.134	930	0	0	922	580	3	930
15-17	80.9	6.127	930	0	0	921	572	8	930
18-20	75.3	5.861	919	0	0	881	240	0	919
21-23	70.2	5.441	733	0	0	620	16	0	733
ALL HOURS	73.9	8.222	6302	0	0	5500	1732	11	6302

MONTH: JUN

00-02	73.9	3.132	360	0	0	360	13	0	360
03-05	71.9	3.670	540	0	0	519	4	0	540
06-08	75.2	4.323	900	0	0	886	149	0	900
09-11	83.4	4.896	900	0	0	900	706	22	900
12-14	87.5	5.641	900	0	0	900	812	159	900
15-17	87.0	6.190	900	0	0	900	765	150	900
18-20	81.	5.351	900	0	0	900	581	16	900
21-23	76.5	3.671	721	0	0	720	166	0	721
ALL HOURS	80.7	7.389	6121	0	0	6085	3196	347	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 AUG 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	76.1	2.490	372	0	0	372	41	0	372
03-05	74.4	2.465	558	0	0	557	2	0	558
06-08	77.3	3.825	930	0	0	930	256	0	930
09-11	85.3	4.942	930	0	0	930	816	56	930
12-14	89.3	5.554	926	0	0	926	868	267	926
15-17	88.3	6.652	922	0	0	922	790	274	922
18-20	82.9	5.704	918	0	0	918	644	17	918
21-23	78.5	3.698	739	0	0	739	290	0	739
ALL HOURS	82.5	7.108	6295	0	0	6294	3707	344	6295

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	75.5	3.170	465	0	0	462	48	0	465
03-05	73.8	2.887	620	0	0	614	6	0	620
06-08	76.2	3.767	930	0	0	927	186	0	930
09-11	84.4	4.831	930	0	0	930	803	0	930
12-14	88.9	5.316	930	0	0	930	880	0	930
15-17	87.9	5.998	930	0	0	930	841	0	930
18-20	81.9	4.846	927	0	0	926	633	0	927
21-23	77.9	3.507	774	0	0	771	256	0	774
ALL HOURS	81.6	7.082	6506	0	0	6490	3653	471	6506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	72.0	4.785	360	0	0	332	0	0	360
03-05	69.5	5.639	540	0	0	445	0	0	540
06-08	70.8	6.062	900	0	0	759	23	0	900
09-11	79.7	6.219	900	0	0	888	502	4	900
12-14	84.7	6.669	900	0	0	897	722	70	900
15-17	84.0	6.643	900	0	0	895	682	58	900
18-20	77.3	5.944	900	0	0	877	74	0	900
21-23	73.5	5.405	723	0	0	658	63	0	723
ALL HOURS	77.3	8.169	6123	0	0	5751	2346	132	6123

MONTH: OCT

00-02	59.7	8.829	372	0	0	131	0	0	372
03-05	58.3	9.227	536	0	0	176	0	0	536
06-08	60.1	8.902	927	0	0	325	0	0	927
09-11	69.9	7.659	927	0	0	684	108	0	927
12-14	75.6	7.431	927	0	0	875	320	2	927
15-17	74.8	7.461	927	0	0	850	270	1	927
18-20	67.1	7.610	927	0	0	568	40	0	927
21-23	62.8	7.947	766	0	0	344	3	0	766
ALL HOURS	67.1	10.225	6309	0	0	3953	741	3	6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.6	9.347	360	0	0	83	0	0	360
03-05	55.4	9.843	362	0	5	73	0	0	362
06-08	52.4	10.233	897	0	22	115	0	0	897
09-11	60.6	8.953	897	0	0	322	3	0	897
12-14	66.9	8.664	897	0	0	555	40	0	897
15-17	65.8	8.608	897	0	0	511	32	0	897
18-20	58.8	8.847	897	0	0	271	0	0	897
21-23	55.4	9.476	896	0	3	186	0	0	896
ALL HOURS	59.5	10.489	6103	0	30	2116	75	0	6103

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	45.5	10.634	368	0	39	15	0	0	368
03-05	44.0	11.441	369	0	58	19	0	0	369
06-08	44.6	11.457	812	0	116	39	0	0	812
09-11	51.0	10.501	861	0	25	92	0	0	861
12-14	57.7	10.649	857	0	3	220	16	0	857
15-17	57.5	10.338	840	0	6	213	12	0	840
18-20	51.7	10.103	798	0	13	104	0	0	798
21-23	48.6	10.388	788	0	40	64	0	0	788
ALL HOURS	51.0	11.767	5693	0	300	766	28	0	5693



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F TO					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	61.0	13.881	4468	0	110	2138	102	0	4468
03-05	60.8	13.624	5555	0	192	2800	12	0	5555
06-08	60.0	15.345	10794	0	546	4943	627	0	10794
09-11	68.1	15.774	10848	0	143	6679	3314	119	10848
12-14	73.5	15.142	10842	0	35	7872	4571	77	10842
15-17	73.4	14.765	10816	0	32	7865	4337	691	10816
18-20	67.3	14.480	10721	0	78	6501	2531	77	10721
21-23	62.0	14.180	9574	0	180	4621	794	0	9574
ALL HOURS	66.6	15.721	73618	0	1316	43419	16287	1608	73618

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	40.7	10.185	367	81	79	1	0	0	367
03-05	39.4	10.684	370	111	76	3	0	0	370
06-08	36.8	11.060	889	335	138	0	0	0	889
09-11	41.1	10.399	894	173	190	6	0	0	894
12-14	44.6	9.983	896	91	269	24	0	0	896
15-17	44.8	9.604	893	75	275	20	0	0	893
18-20	41.8	9.576	887	130	186	6	0	0	887
21-23	39.9	9.971	884	205	152	4	0	0	884
ALL HOURS	41.3	10.471	6080	1201	1365	64	0	0	6080

MONTH: FEB

00-02	43.9	10.743	339	56	105	0	0	0	339
03-05	42.6	10.950	340	68	93	0	0	0	340
06-08	40.9	10.725	849	209	188	0	0	0	849
09-11	44.9	10.558	849	110	287	9	0	0	849
12-14	48.1	10.141	849	58	377	22	0	0	849
15-17	48.5	9.789	847	44	385	27	0	0	847
18-20	45.9	9.645	843	77	306	3	0	0	843
21-23	43.8	9.724	843	131	245	0	0	0	843
ALL HOURS	45.1	10.523	5759	753	1986	61	0	0	5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.8	9.014	372	16	182	3	0	0	372
03-05	47.5	9.461	372	22	154	4	0	0	372
06-08	47.8	9.860	930	56	408	16	0	0	930
09-11	52.4	9.469	930	11	560	54	0	0	930
12-14	54.8	8.824	930	3	649	90	4	0	930
15-17	54.9	8.433	930	3	669	81	0	0	930
18-20	52.4	8.686	924	10	577	36	0	0	924
21-23	50.4	8.990	893	22	487	17	0	0	893
ALL HOURS	51.6	9.490	6281	143	3686	301	4	0	6281

MONTH: APR

00-02	53.4	8.064	360	4	254	13	0	0	360
03-05	52.1	8.356	390	10	247	17	0	0	390
06-08	53.9	8.141	900	6	621	48	5	0	900
09-11	58.4	7.859	899	0	768	156	14	0	899
12-14	60.1	7.420	900	0	821	222	17	0	900
15-17	60.1	7.120	900	0	826	224	8	0	900
18-20	57.9	7.307	881	0	747	107	2	0	881
21-23	55.5	7.547	814	2	617	37	0	0	814
ALL HOURS	57.1	8.102	6044	22	4901	824	46	0	6044

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	63.1	6.166	372	0	361	112	10	0	372
03-05	61.4	6.536	558	0	525	119	15	0	558
06-08	63.2	6.204	930	0	908	302	41	0	930
09-11	66.6	5.754	930	0	926	515	142	1	930
12-14	67.5	5.318	930	0	930	568	180	3	930
15-17	67.3	5.117	930	0	930	553	150	1	930
18-20	65.9	5.376	919	0	919	462	93	1	919
21-23	64.4	5.736	733	0	728	299	46	0	733
ALL HOURS	65.3	6.026	6302	0	6227	2930	677	6	6302

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	70.0	3.804	360	0	360	303	88	0	360
03-05	68.6	4.238	540	0	539	403	86	0	540
06-08	70.5	4.232	900	0	900	760	319	2	900
09-11	73.3	3.865	900	0	900	846	589	22	900
12-14	73.7	3.716	900	0	900	856	628	23	900
15-17	73.2	3.600	900	0	900	858	581	14	900
18-20	72.1	3.683	900	0	900	828	458	8	900
21-23	70.9	3.566	721	0	721	633	249	1	721
ALL HOURS	71.9	4.157	6121	0	6120	5487	2998	70	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	73.3	2.216	372	0	372	370	243	0	372
03-05	71.8	2.728	558	0	558	533	243	0	558
06-08	73.0	2.996	930	0	930	911	558	8	930
09-11	76.1	2.969	930	0	930	925	799	109	930
12-14	76.7	2.785	926	0	926	923	838	128	926
15-17	75.9	2.767	922	0	922	921	799	62	922
18-20	74.6	2.844	918	0	918	917	705	35	918
21-23	73.5	2.749	739	0	739	736	496	10	739
ALL HOURS	74.6	3.250	6295	0	6295	6236	4681	352	6295

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	72.3	3.427	465	0	465	434	262	1	465
03-05	71.2	3.487	620	0	620	560	246	0	620
06-08	72.4	3.514	930	0	930	883	507	8	930
09-11	75.5	3.256	930	0	930	918	778	70	930
12-14	76.2	3.322	930	0	930	919	809	126	930
15-17	75.4	3.172	930	0	930	918	775	73	930
18-20	74.1	3.245	927	0	927	908	670	22	927
21-23	73.0	3.234	774	0	774	746	474	5	774
ALL HOURS	74.0	3.620	6506	0	6506	6286	4521	305	6506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	69.1	5.439	360	0	360	271	117	0	360
03-05	66.6	6.459	540	0	530	336	76	0	540
06-08	66.6	6.809	900	0	878	543	175	0	900
09-11	70.5	6.154	900	0	898	672	424	8	900
12-14	71.4	5.705	900	0	900	707	479	11	900
15-17	71.0	5.387	900	0	900	709	446	8	900
18-20	69.3	5.903	900	0	895	646	327	0	900
21-23	68.4	6.158	723	0	713	492	220	0	723
ALL HOURS	69.3	6.273	6123	0	6074	4376	2264	27	6123

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	56.9	9.088	372	0	274	79	9	0	372
03-05	55.6	9.411	536	0	364	94	8	0	536
06-08	56.6	9.093	927	0	683	167	21	0	927
09-11	61.4	7.930	927	0	870	283	87	1	927
12-14	63.1	7.361	927	0	908	341	121	0	927
15-17	62.5	7.180	927	0	905	331	72	0	927
18-20	60.3	7.630	927	0	849	222	38	0	927
21-23	58.5	8.131	766	0	643	164	18	0	766
ALL HOURS	59.8	8.526	6309	0	5496	1681	374	1	6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.7	9.894	360	9	239	24	0	0	360
03-05	52.9	10.187	362	11	236	19	0	0	362
06-08	49.4	10.382	897	41	441	23	0	0	897
09-11	54.2	9.519	897	8	576	92	9	0	897
12-14	56.8	9.159	897	1	669	157	16	0	897
15-17	56.0	8.986	897	0	650	125	5	0	897
18-20	53.2	9.413	897	6	566	63	0	0	897
21-23	51.3	9.826	896	15	492	38	0	0	896
ALL HOURS	53.5	9.928	6103	91	3869	541	30	0	6103

MONTH: DEC

00-02	42.5	10.826	368	56	92	6	0	0	368
03-05	41.4	11.517	369	86	84	5	0	0	369
06-08	41.5	11.337	812	193	201	13	0	0	812
09-11	45.7	10.383	861	67	282	27	1	0	861
12-14	49.2	10.127	857	29	376	51	2	0	857
15-17	49.0	9.974	840	28	366	43	0	0	840
18-20	46.2	10.155	798	64	279	16	0	0	798
21-23	44.4	10.399	786	96	233	11	0	0	786
ALL HOURS	45.5	10.864	5691	619	1913	172	3	0	5691

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS			
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	57.7	14.024	4467	222	3143	1616	729	1	4467
03-05	58.1	13.733	5555	308	4026	2093	674	0	5555
06-08	56.3	14.930	10794	840	7226	3666	1626	18	10794
09-11	60.2	14.263	10847	369	8117	4503	2843	211	10847
12-14	62.0	13.135	10842	182	8655	4880	3094	291	10842
15-17	61.8	12.763	10816	150	8658	4810	2836	158	10816
18-20	59.8	13.369	10721	287	8069	4214	2293	66	10721
21-23	57.1	13.947	9572	471	6544	3177	1503	1	9572
ALL HOURS	59.4	13.921	73614	2829	54438	28959	15598	761	73614



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	35.8	13.047	367	103	153	336	4	367
03-05	35.1	13.332	370	110	146	334	3	370
06-08	32.3	13.876	889	317	300	834	1	889
09-11	34.2	14.319	894	271	374	840	13	894
12-14	34.4	14.675	896	287	373	831	20	896
15-17	34.2	14.500	893	296	371	828	17	893
18-20	34.4	13.506	887	258	373	836	11	887
21-23	34.0	13.258	884	272	360	831	9	884
ALL HOURS	34.1	13.964	6080	1914	2450	5670	78	6080

MONTH: FEB

00-02	40.1	13.132	339	61	219	294	3	849
03-05	39.3	13.346	340	60	202	301	4	849
06-08	36.8	13.277	849	212	452	781	7	849
09-11	38.0	13.999	849	203	484	749	11	849
12-14	38.1	14.412	849	220	474	746	9	849
15-17	37.7	14.369	847	232	461	749	8	849
18-20	38.2	13.205	843	194	478	771	0	849
21-23	38.1	12.766	843	196	481	778	1	849
ALL HOURS	38.1	13.666	5759	1378	3251	5169	43	5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.8	11.267	372	26	280	304	3	372
03-05	44.3	11.267	372	27	273	307	7	372
06-08	43.8	12.047	930	88	644	764	21	930
09-11	44.9	13.043	930	91	647	702	37	930
12-14	44.1	13.050	930	112	640	709	30	930
15-17	43.2	13.174	930	130	615	730	15	930
18-20	44.0	12.302	924	93	639	730	17	924
21-23	44.6	11.849	893	69	649	710	18	893
ALL HOURS	44.2	12.467	6281	636	4387	4956	148	6281

MONTH: APR

00-02	50.4	9.300	360	7	332	257	16	900
03-05	49.8	9.385	390	6	358	287	21	900
06-08	50.1	9.949	900	15	812	596	54	900
09-11	50.6	11.314	899	26	761	573	86	900
12-14	49.5	11.554	900	35	761	573	68	900
15-17	49.0	11.471	900	37	753	595	54	900
18-20	50.1	10.585	881	18	764	569	51	900
21-23	50.4	9.799	814	7	728	535	38	900
ALL HOURS	50.0	10.682	6044	153	5295	3958	388	6044

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	60.4	7.757	372	0	369	88	120	372
03-05	59.2	7.429	558	0	553	158	139	558
06-08	60.2	7.415	930	0	926	246	299	930
09-11	60.4	8.205	930	0	926	246	357	930
12-14	59.3	8.464	930	0	925	294	313	930
15-17	58.9	8.499	930	0	924	320	297	930
18-20	59.9	7.916	919	0	913	249	296	919
21-23	60.6	7.447	733	0	730	176	249	733
ALL HOURS	59.9	8.006	6302	0	6266	1777	2070	6302

MONTH: JUN

00-02	67.8	4.883	360	0	360	8	288	900
03-05	66.9	5.201	540	0	540	24	411	900
06-08	68.1	5.227	900	0	900	30	721	900
09-11	68.5	5.596	900	0	900	37	735	900
12-14	67.0	5.917	900	0	900	59	667	900
15-17	66.3	6.027	900	0	900	66	632	900
18-20	67.4	5.544	900	0	900	40	684	900
21-23	67.9	4.778	721	0	721	15	575	900
ALL HOURS	67.5	5.579	6121	0	6121	279	4713	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	72.0	2.585	372	0	372	0	370	372
03-05	70.4	3.233	558	0	558	0	528	558
06-08	71.0	3.597	930	0	930	0	885	930
09-11	72.1	3.795	930	0	930	0	886	930
12-14	71.3	3.944	926	0	926	0	864	926
15-17	70.3	4.094	922	0	922	2	838	922
18-20	70.8	3.893	918	0	918	0	859	918
21-23	71.3	3.474	739	0	739	0	720	739
ALL HOURS	71.1	3.811	6295	0	6295	2	5950	6295

MONTH: AUG

00-02	70.8	4.042	465	0	465	0	425	930
03-05	70.0	4.063	620	0	620	2	550	930
06-08	70.6	4.045	930	0	930	3	856	930
09-11	71.7	3.958	930	0	930	3	874	930
12-14	70.6	4.361	930	0	930	8	843	930
15-17	69.9	4.437	930	0	930	7	816	930
18-20	70.6	4.188	927	0	927	1	845	930
21-23	70.8	3.994	774	0	774	0	718	930
ALL HOURS	70.6	4.241	6506	0	6506	24	5927	6506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	67.5	6.438	360	0	360	26	269	360
03-05	64.8	7.816	540	2	535	66	329	540
06-08	64.0	8.554	900	5	887	133	521	900
09-11	65.4	8.461	900	0	897	116	568	900
12-14	64.2	8.413	900	0	900	150	518	900
15-17	63.9	8.305	900	0	900	155	497	900
18-20	64.8	8.096	900	0	893	106	533	900
21-23	65.4	7.933	723	0	715	72	448	723
ALL HOURS	64.8	8.245	6123	7	6087	824	3683	6123

MONTH: OCT

00-02	54.6	10.174	372	1	356	204	89	927
03-05	53.4	10.372	536	0	513	300	103	927
06-08	53.8	10.176	927	0	897	511	175	927
09-11	55.1	10.880	927	3	878	469	211	927
12-14	53.8	11.631	927	9	848	493	216	927
15-17	53.4	11.415	927	10	850	497	188	927
18-20	55.2	9.886	927	3	903	457	196	927
21-23	55.2	9.639	766	4	752	382	164	927
ALL HOURS	54.3	10.651	6309	30	5997	3313	1342	6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	50.9	11.741	360	16	314	207	31	360
03-05	50.5	11.643	362	16	319	220	25	362
06-08	46.3	11.903	897	47	676	645	28	897
09-11	47.9	12.900	897	59	685	591	80	897
12-14	47.4	14.019	897	88	652	571	104	897
15-17	46.8	13.865	897	93	654	591	82	897
18-20	47.8	12.312	897	46	703	612	65	897
21-23	47.2	12.014	896	49	702	623	53	896
ALL HOURS	47.6	12.802	6103	414	4705	4060	468	6103

MONTH: DEC

00-02	38.6	12.752	368	71	182	321	9	857
03-05	37.9	13.092	369	76	172	318	9	857
06-08	37.5	13.016	812	188	387	721	14	857
09-11	39.2	13.203	861	157	474	746	21	857
12-14	39.7	14.151	857	171	482	717	26	857
15-17	39.3	14.355	840	180	466	707	20	857
18-20	39.7	13.088	798	145	452	673	13	857
21-23	39.2	12.650	786	141	428	686	10	857
ALL HOURS	39.0	13.416	5691	1129	3043	4889	122	5691

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	54.9	15.800	4467	285	3762	2045	1627	4467
03-05	55.8	15.185	5555	297	4789	2317	2129	5555
06-08	53.2	16.546	10794	872	8741	5264	3582	10794
09-11	54.2	16.727	10847	812	8912	5045	3879	10847
12-14	53.5	16.644	10842	922	8811	5151	3678	10842
15-17	53.0	16.549	10816	978	8746	5247	3464	10816
18-20	53.9	16.032	10721	757	8863	5044	3570	10721
21-23	52.9	16.209	9572	738	7779	4808	3003	9572
ALL HOURS	53.7	16.346	73614	5661	60403	34921	24932	73614

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.2	97.3	89.9	77.9	58.9	41.7	22.9	73.7	367
03-05	100.0	100.0	99.5	97.6	92.4	83.8	69.7	47.0	24.3	76.4	370
06-08	100.0	100.0	99.4	97.4	90.4	82.2	69.9	47.6	21.0	76.0	889
09-11	100.0	100.0	96.9	87.9	75.3	61.4	43.8	29.1	13.8	65.5	894
12-14	100.0	98.9	84.0	65.8	50.0	37.9	26.9	17.6	8.4	53.5	896
15-17	100.0	98.3	81.4	62.8	46.9	36.6	26.5	16.8	7.8	52.4	893
18-20	100.0	100.0	96.7	84.8	70.8	54.9	39.8	25.1	10.9	63.1	887
21-23	100.0	100.0	99.1	92.0	83.0	70.4	52.8	34.8	14.8	69.3	884
ALL HOURS	100.0	99.6	93.7	83.7	72.0	60.1	45.8	30.4	14.1	69.3	6080

MONTH: FEB

00-02	100.0	100.0	100.0	98.5	93.2	87.3	72.6	53.7	25.1	77.9	339
03-05	100.0	100.0	100.0	99.7	93.2	87.6	79.4	63.8	32.9	81.1	340
06-08	100.0	100.0	99.9	98.0	93.5	84.2	72.3	51.0	23.7	77.3	849
09-11	100.0	100.0	97.4	88.9	73.6	57.5	41.9	27.2	10.6	64.4	849
12-14	100.0	99.1	83.5	66.2	50.8	36.0	27.1	17.0	6.7	53.1	849
15-17	100.0	98.1	77.3	58.0	45.3	34.6	26.6	17.0	7.7	50.9	847
18-20	100.0	100.0	97.9	82.1	63.6	50.5	39.0	24.1	9.3	61.2	843
21-23	100.0	100.0	99.9	93.5	82.2	68.8	53.5	34.4	15.1	69.4	843
ALL HOURS	100.0	99.6	93.5	83.2	71.1	59.1	47.2	32.0	14.2	69.4	5759



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.2	93.3	80.1	68.0	51.3	25.8	76.1	372
03-05	100.0	100.0	100.0	100.0	97.0	89.8	76.6	59.4	32.5	80.2	372
06-08	100.0	100.0	100.0	98.8	94.0	85.1	70.9	48.4	21.0	76.3	930
09-11	100.0	100.0	96.7	82.4	67.8	51.8	36.3	18.9	5.9	60.4	930
12-14	100.0	98.3	81.9	60.6	42.4	27.4	17.8	8.8	2.4	48.5	930
15-17	100.0	96.2	72.3	53.3	37.6	25.3	17.0	11.0	4.4	46.2	930
18-20	100.0	99.8	94.3	77.6	60.9	42.6	27.4	16.0	6.2	56.8	924
21-23	100.0	100.0	99.6	94.1	80.7	68.3	48.9	28.8	11.6	67.6	893
ALL HOURS	100.0	99.2	91.8	80.3	67.5	54.1	40.6	25.9	11.0	67.6	6281

MONTH: APR

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.7	98.1	93.9	80.0	54.7	26.1	79.6	360
03-05	100.0	100.0	100.0	99.7	97.9	97.4	90.5	76.2	37.4	84.4	390
06-08	100.0	100.0	100.0	99.0	95.4	85.7	67.1	46.6	20.7	75.8	900
09-11	100.0	100.0	95.1	8.2	62.8	42.4	26.3	11.9	3.7	56.8	899
12-14	100.0	98.7	81.7	57.4	35.4	22.0	13.0	6.0	2.4	46.3	900
15-17	100.0	97.7	78.7	52.0	31.8	19.7	10.9	5.9	2.6	44.3	900
18-20	100.0	100.0	96.4	82.6	60.4	40.6	23.7	10.6	4.1	56.1	881
21-23	100.0	100.0	99.8	96.8	88.1	71.7	49.3	27.1	8.0	68.5	814
ALL HOURS	100.0	99.5	92.8	80.6	66.4	52.7	38.2	23.8	10.0	68.5	6044

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	97.6	91.9	82.5	57.8	28.5	79.6	372
03-05	100.0	100.0	100.0	100.0	99.3	97.7	91.6	72.8	32.4	83.3	558
06-08	100.0	100.0	100.0	99.6	98.4	93.3	77.6	47.7	17.2	77.6	930
09-11	100.0	100.0	98.9	90.6	75.2	51.0	23.4	7.7	1.9	59.4	930
12-14	100.0	99.7	94.5	73.8	48.5	24.2	10.3	4.0	1.5	50.1	930
15-17	100.0	99.5	91.9	68.8	46.1	24.9	12.3	6.0	1.5	49.7	930
18-20	100.0	99.9	98.4	92.2	74.6	51.4	29.2	13.6	5.4	60.9	919
21-23	100.0	100.0	100.0	98.9	96.3	86.1	58.4	32.7	10.2	72.6	733
ALL HOURS	100.0	99.9	97.6	88.8	76.2	60.1	42.3	25.3	9.8	72.6	6302

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	99.4	97.2	86.7	65.6	26.4	81.8	360
03-05	100.0	100.0	100.0	100.0	99.6	97.8	94.3	73.9	37.8	84.7	540
06-08	100.0	100.0	100.0	100.0	98.9	95.1	82.2	52.2	19.9	79.4	900
09-11	100.0	100.0	99.9	96.6	82.8	57.9	28.0	8.7	2.3	62.2	900
12-14	100.0	100.0	98.0	81.4	53.4	26.2	12.2	6.1	2.6	52.6	900
15-17	100.0	100.0	97.0	75.8	51.0	29.8	16.9	7.7	3.1	52.7	900
18-20	100.0	100.0	100.0	94.6	80.9	60.1	38.2	18.3	4.7	64.2	900
21-23	100.0	100.0	100.0	99.9	97.9	90.	69.2	39.1	11.9	75.7	721
ALL HOURS	100.0	100.0	99.2	92.4	80.1	64.6	47.7	28.7	11.1	75.7	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.5	84.1	46.8	87.2	372
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.0	85.7	53.6	87.8	558
06-08	100.0	100.0	100.0	100.0	100.0	98.5	86.7	57.2	27.1	81.6	930
09-11	100.0	100.0	100.0	99.4	92.8	67.6	39.4	13.8	2.7	66.0	930
12-14	100.0	100.0	100.0	93.0	67.2	36.7	17.4	5.8	2.2	57.0	926
15-17	100.0	100.0	99.9	89.5	59.9	37.7	25.7	11.7	4.9	57.6	922
18-20	100.0	100.0	100.0	98.4	88.9	68.6	48.8	26.3	10.0	68.8	918
21-23	100.0	100.0	100.0	100.0	99.9	96.2	79.7	50.7	22.7	79.3	739
ALL HOURS	100.0	100.0	100.0	97.1	86.6	71.5	56.0	35.4	17.1	79.3	6295

MONTH: AUG

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.6	96.6	79.4	36.3	85.7	465
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.4	88.1	51.5	88.1	620
06-08	100.0	100.0	100.0	100.0	100.0	99.9	92.8	64.4	29.5	83.3	930
09-11	100.0	100.0	100.0	99.4	95.5	73.7	38.3	10.3	2.7	66.5	930
12-14	100.0	100.0	99.7	94.6	71.9	32.3	12.7	3.9	.9	56.2	930
15-17	100.0	100.0	99.5	91.9	67.3	36.8	19.5	7.0	2.5	57.0	930
18-20	100.0	100.0	100.0	99.1	94.1	77.5	51.3	22.4	7.3	69.8	927
21-23	100.0	100.0	100.0	100.0	99.9	97.7	83.2	47.8	18.5	79.4	774
ALL HOURS	100.0	100.0	99.9	97.9	89.8	74.0	56.8	35.2	15.8	79.4	6506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.7	92.5	75.3	43.9	86.0	360
03-05	100.0	100.0	100.0	99.3	99.1	98.5	94.1	75.7	41.3	85.4	540
06-08	100.0	100.0	100.0	98.7	98.1	94.3	82.2	56.0	24.0	80.0	900
09-11	100.0	100.0	99.9	94.8	82.4	57.7	33.7	13.2	3.7	63.1	900
12-14	100.0	100.0	97.2	77.9	53.6	28.6	14.4	5.8	2.3	52.5	900
15-17	100.0	100.0	97.1	78.0	52.6	30.6	18.7	8.9	2.0	53.4	900
18-20	100.0	100.0	99.9	96.6	88.3	66.9	43.2	22.4	7.6	67.0	900
21-23	100.0	100.0	100.0	98.9	98.1	91.6	71.8	43.4	16.5	76.7	723
ALL HOURS	100.0	100.0	99.1	91.9	81.3	66.2	50.5	31.9	14.0	76.7	6123

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	99.2	96.2	89.5	70.2	35.5	83.5	372
03-05	100.0	100.0	100.0	100.0	99.4	98.5	91.8	72.6	34.9	83.9	536
06-08	100.0	100.0	100.0	99.9	99.0	95.3	84.7	60.9	23.2	80.5	927
09-11	100.0	100.0	98.6	89.9	73.0	53.9	31.9	15.2	3.2	61.3	927
12-14	100.0	99.2	87.7	66.8	43.9	26.4	16.2	7.4	1.3	49.5	927
15-17	100.0	98.5	87.5	68.1	46.2	28.3	16.8	10.8	2.8	50.3	927
18-20	100.0	100.0	99.7	97.1	87.2	69.4	45.2	22.9	8.1	67.3	927
21-23	100.0	100.0	100.0	99.7	96.9	90.9	73.6	45.0	18.5	76.9	766
ALL HOURS	100.0	99.7	96.1	88.5	77.4	65.2	50.6	33.0	13.0	76.9	6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	99.2	99.2	97.8	93.3	83.6	65.8	34.4	81.8		360
03-05	100.0	100.0	100.0	99.2	99.2	97.0	90.6	71.8	35.9	84.0		362
06-08	100.0	100.0	99.9	99.6	98.9	94.6	81.9	57.3	25.4	80.1		897
09-11	100.0	99.4	98.3	91.6	79.0	62.1	43.6	23.5	7.2	64.9		897
12-14	100.0	98.7	86.7	69.9	53.1	37.8	22.6	10.1	2.6	52.6		897
15-17	100.0	98.7	87.4	72.0	53.5	37.5	25.2	12.3	4.3	53.3		897
18-20	100.0	100.0	99.7	96.1	86.6	69.8	49.6	29.0	9.8	68.3		897
21-23	100.0	100.0	99.4	98.9	94.9	84.4	66.3	42.9	16.3	74.7		896
ALL HOURS	100.0	99.5	95.8	89.3	80.1	68.0	52.8	33.9	13.8	74.7		6103

MONTH: DEC

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	99.7	97.0	86.1	66.8	50.0	22.6	77.1	368
03-05	100.0	100.0	100.0	100.0	98.6	91.3	76.7	53.7	24.4	79.0	369
06-08	100.0	100.0	99.9	99.1	96.9	87.7	69.8	46.1	16.5	76.2	812
09-11	100.0	100.0	99.5	93.6	79.9	59.9	41.7	24.9	8.0	65.2	861
12-14	100.0	99.6	90.1	71.6	52.0	36.2	21.2	13.8	6.2	53.5	857
15-17	100.0	99.2	89.2	70.2	51.9	34.2	23.5	13.8	6.7	53.3	840
18-20	100.0	100.0	99.4	94.0	78.1	57.4	41.2	22.1	8.4	64.6	798
21-23	100.0	100.0	100.0	98.9	89.4	72.9	54.8	32.7	11.2	70.5	786
ALL HOURS	100.0	99.8	96.7	89.2	77.4	61.7	45.6	28.8	11.2	70.5	5691

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.9	99.5	97.2	92.1	81.8	62.9	31.3	81.0	4467
03-05	100.0	100.0	100.0	99.7	98.3	95.8	89.2	71.9	37.8	83.7	5555
06-08	100.0	100.0	99.9	99.2	97.0	91.4	78.3	53.1	22.5	78.7	10794
09-11	100.0	100.0	98.4	91.4	78.4	58.1	35.6	16.9	5.4	63.0	10847
12-14	100.0	99.3	90.5	73.4	51.9	30.9	17.6	8.8	3.2	52.1	10842
15-17	100.0	98.8	88.3	70.1	49.2	31.3	19.9	10.7	4.1	51.8	10816
18-20	100.0	100.0	98.5	91.3	78.0	59.3	39.8	21.0	7.6	64.0	10721
21-23	100.0	100.0	99.8	97.5	91.9	81.9	62.9	38.1	14.6	73.2	9572
ALL HOURS	100.0	99.7	96.4	88.6	77.3	63.2	47.9	30.4	12.9	66.2	73614

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).



OPERATING LOCATION "A"  
 USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
 LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1022.1	1020.1	1018.4	1015.7	1016.4	1016.0	1017.6	1016.3	1017.7	1019.6	1019.2	1022.2	1018.4
	SD	5.646	6.875	5.874	4.378	2.734	3.370	2.987	2.713	3.248	4.564	5.845	5.370	5.105
	TOT OBS	122	113	124	120	124	120	124	155	120	124	120	122	1488
0300	MEAN	1022.0	1019.8	1018.1	1015.4	1016.2	1015.8	1017.3	1016.0	1017.5	1019.4	1019.1	1022.2	1018.2
	SD	5.643	7.009	6.001	4.565	2.732	3.504	3.023	2.722	3.249	4.838	5.710	5.547	5.203
	TOT OBS	123	113	124	120	124	120	124	155	120	124	120	123	490
0600	MEAN	1021.7	1020.3	1017.8	1016.9	1016.6	1016.6	1017.8	1017.3	1017.9	1019.8	1020.0	1022.4	1018.7
	SD	5.804	7.047	6.829	5.139	3.406	3.121	2.653	2.678	3.638	4.448	5.320	5.849	5.219
	TOT OBS	296	283	310	300	310	300	310	310	300	309	299	266	3593
0900	MEAN	1023.1	1021.5	1019.0	1017.6	1017.2	1017.1	1018.5	1018.0	1018.8	1020.8	1021.2	1023.7	1019.7
	SD	5.849	7.209	6.989	5.229	3.506	3.187	2.694	2.740	3.738	4.533	5.350	5.899	5.405
	TOT OBS	298	283	310	300	310	300	310	310	300	309	298	287	3615
1200	MEAN	1021.6	1020.4	1017.8	1016.5	1016.3	1016.2	1017.6	1017.0	1017.6	1019.3	1019.5	1022.1	1018.5
	SD	5.688	7.130	6.864	5.039	3.418	3.077	2.722	2.724	3.618	4.424	5.225	5.702	5.217
	TOT OBS	298	283	310	300	310	300	310	310	300	309	299	285	3614
1500	MEAN	1019.9	1018.4	1015.8	1014.6	1014.6	1014.6	1016.0	1015.3	1015.8	1017.7	1018.1	1020.7	1016.7
	SD	5.609	6.998	6.593	4.847	3.279	3.002	2.602	2.725	3.513	4.342	4.999	5.472	5.110
	TOT OBS	299	283	310	300	310	299	308	310	300	309	299	285	3612
1800	MEAN	1020.6	1018.7	1016.0	1014.6	1014.4	1014.4	1015.9	1015.2	1016.1	1018.1	1018.7	1021.4	1017.0
	SD	5.467	6.901	6.377	4.727	3.238	2.925	2.548	2.615	3.405	4.368	4.951	5.395	5.142
	TOT OBS	296	281	310	300	309	300	306	309	300	309	299	268	3587
2100	MEAN	1021.3	1019.7	1017.2	1015.6	1015.7	1015.6	1017.2	1016.6	1017.4	1019.1	1019.5	1022.1	1018.0
	SD	5.579	6.855	6.265	4.658	3.229	2.827	2.572	2.617	3.353	4.461	5.020	5.461	5.052
	TOT OBS	295	281	301	283	303	300	306	309	300	309	299	263	3549
ALL HOURS	MEAN	1021.5	1019.8	1017.4	1015.9	1015.9	1015.8	1017.2	1016.5	1017.3	1019.2	1019.5	1022.1	1018.1
	SD	5.741	7.084	6.669	5.011	3.425	3.210	2.828	2.858	3.646	4.565	5.308	5.683	5.274
	TOT OBS	2027	1920	2099	2023	2100	2039	2098	2168	2040	2102	2033	1899	24548

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.18	30.12	30.07	29.99	30.01	30.00	30.05	30.01	30.05	30.11	30.10	30.18	30.07
	SD	.165	.201	.172	.128	.080	.099	.088	.079	.095	.134	.172	.159	.149
	TOT OBS	122	113	124	120	124	120	124	155	119	124	120	122	1487
0300	MEAN	30.18	30.11	30.06	29.98	30.01	30.00	30.04	30.00	30.05	30.0	30.09	30.18	30.07
	SD	.165	.206	.176	.134	.079	.103	.088	.079	.095	.142	.168	.163	.152
	TOT OBS	123	113	124	120	124	120	124	155	120	124	120	123	1490
0600	MEAN	30.17	30.12	30.05	30.03	30.02	30.02	30.06	30.04	30.06	30.11	30.12	30.19	30.08
	SD	.170	.206	.201	.151	.099	.092	.077	.079	.106	.131	.157	.172	.153
	TOT OBS	296	283	310	300	310	300	310	310	300	309	299	266	3593
0900	MEAN	30.21	30.16	30.09	30.05	30.04	30.04	30.08	30.06	30.09	30.14	30.15	30.23	30.11
	SD	.172	.212	.205	.154	.102	.093	.079	.080	.110	.134	.157	.174	.158
	TOT OBS	298	283	310	300	310	300	310	310	300	309	299	287	3616
1200	MEAN	30.16	30.13	30.05	30.02	30.01	30.01	30.05	30.04	30.05	30.10	30.11	30.18	30.07
	SD	.167	.209	.202	.149	.099	.090	.079	.079	.106	.128	.154	.168	.153
	TOT OBS	298	283	310	300	310	300	310	310	300	308	299	285	3613
1500	MEAN	30.12	30.07	29.99	29.96	29.96	29.96	30.00	29.98	30.00	30.05	30.06	30.14	30.02
	SD	.165	.205	.193	.143	.096	.088	.075	.079	.102	.127	.147	.161	.149
	TOT OBS	299	283	310	300	309	300	308	310	300	309	299	285	3612
1800	MEAN	30.13	30.08	30.00	29.96	29.96	29.96	30.00	29.98	30.01	30.07	30.08	30.16	30.03
	SD	.160	.202	.187	.139	.095	.085	.074	.077	.099	.128	.145	.159	.150
	TOT OBS	296	281	310	300	310	300	306	309	300	309	299	268	3588
2100	MEAN	30.16	30.11	30.04	29.99	29.99	29.99	30.04	30.02	30.04	30.10	30.11	30.18	30.06
	SD	.164	.201	.184	.137	.094	.083	.075	.077	.098	.131	.147	.161	.148
	TOT OBS	295	281	301	283	303	300	306	309	300	309	299	263	3549
ALL HOURS	MEAN	30.16	30.11	30.04	30.00	30.00	30.00	30.04	30.02	30.04	30.10	30.10	30.18	30.06
	SD	.169	.208	.196	.147	.100	.094	.083	.084	.107	.134	.156	.167	.154
	TOT OBS	2027	1920	2099	2023	2100	2040	2098	2168	2039	2101	2034	1899	24548

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.99	29.93	29.88	29.80	29.82	29.81	29.86	29.82	29.86	29.92	29.91	29.99	29.88
	SD	.165	.200	.171	.126	.079	.098	.088	.079	.091	.133	.171	.158	.149
	TOT OBS	122	113	124	120	124	120	124	155	119	124	120	122	1487
0300	MEAN	29.99	29.92	29.87	29.79	29.82	29.81	29.85	29.81	29.86	29.91	29.90	29.99	29.88
	SD	.165	.204	.175	.132	.079	.102	.088	.079	.095	.141	.167	.162	.151
	TOT OBS	123	113	124	120	124	120	124	155	120	124	120	123	1490
0600	MEAN	29.98	29.94	29.87	29.84	29.83	29.83	29.87	29.85	29.87	29.93	29.93	30.00	29.89
	SD	.170	.206	.199	.150	.099	.091	.077	.079	.106	.130	.156	.172	.152
	TOT OBS	296	283	310	300	310	300	310	310	300	309	299	266	3593
0900	MEAN	30.02	29.97	29.90	29.86	29.85	29.85	29.89	29.87	29.90	29.95	29.97	30.04	29.92
	SD	.172	.211	.204	.153	.102	.093	.079	.080	.110	.133	.157	.173	.158
	TOT OBS	298	283	310	300	310	300	310	310	300	309	299	287	3616
1200	MEAN	29.97	29.94	29.86	29.83	29.82	29.82	29.86	29.85	29.86	29.91	29.92	29.99	29.89
	SD	.167	.208	.200	.148	.099	.090	.079	.079	.106	.128	.153	.167	.152
	TOT OBS	298	283	310	300	310	300	310	310	300	308	299	285	3613
1500	MEAN	29.93	29.88	29.81	29.77	29.77	29.77	29.81	29.79	29.81	29.86	29.87	29.95	29.84
	SD	.164	.204	.192	.141	.095	.087	.075	.079	.102	.127	.146	.160	.149
	TOT OBS	299	283	310	300	309	300	308	310	300	309	299	285	3612
1800	MEAN	29.95	29.89	29.81	29.77	29.77	29.77	29.81	29.79	29.82	29.88	29.89	29.97	29.84
	SD	.160	.201	.186	.137	.094	.084	.074	.077	.099	.127	.145	.158	.150
	TOT OBS	296	281	310	300	310	300	306	309	300	309	299	268	3588
2100	MEAN	29.97	29.92	29.85	29.80	29.80	29.80	29.85	29.83	29.85	29.91	29.92	29.99	29.87
	SD	.164	.200	.183	.135	.094	.083	.075	.077	.098	.130	.147	.160	.147
	TOT OBS	295	281	301	283	303	300	306	309	300	309	299	263	3549
ALL HOURS	MEAN	29.97	29.92	29.85	29.81	29.81	29.81	29.85	29.83	29.85	29.91	29.91	29.99	29.87
	SD	.168	.207	.195	.146	.099	.094	.082	.084	.106	.133	.155	.167	.154
	TOT OBS	2027	1920	2099	2023	2100	2040	2098	2168	2039	2101	2034	1899	24548

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

## PART G

### CROSSWIND SUMMARY

#### CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5			368	.3			370	1.5	.1		889	1.6			894
CATEGORY B	1.1	.5		368	.8	.3		370	2.6	1.0	.1	889	3.7	.9		894

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.5	.1		896	1.8	.1		893	1.0			887	.5			884
CATEGORY B	6.6	2.3	.1	896	3.6	1.5		893	1.6	.3		887	1.5	.2		884

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9	.1		4459	1.5	.0		6081
CATEGORY B	3.6	1.2	.0	4459	3.0	1.0	.0	6081

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2			339	1.5			340	1.5			849	4.9			849
CATEGORY B	1.5			339	1.8			340	3.9	1.9		849	7.2	2.6	.1	849

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.2	.7		849	6.8	.6		847	2.1			843	1.7			843
CATEGORY B	10.6	5.4	.2	849	10.3	4.5	.1	847	5.1	1.3		843	3.9	1.5		843

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.7	.		4237	3.9	.2		5759
CATEGORY B	7.4	3.1	.1	4237	6.2	2.5	.1	5759

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8	.3		372	1.1	.3		372	1.7	.1		930	4.2	.3		930
CATEGORY B	1.9	.8		372	2.2	1.1	.3	372	3.4	.8		930	8.8	2.9		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.8	1.5		930	5.7	.9		930	1.1	.3		924	1.8	.3		894
CATEGORY B	14.3	5.2	1.0	930	10.3	3.9	.6	930	3.6	1.0	.2	924	3.6	1.3	.1	894

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.3	.6		4644	3.5	.5		6282
CATEGORY B	8.1	2.7	.4	4644	6.7	2.3	.3	6282



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			360				390	1.8	.4		900	4.0	.1		900
CATEGORY B	.6			360	.3	.3		390	2.4	1.0		900	6.9	2.4		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.4	.8		900	5.2	.1		900	.8			881	.6	.1		814
CATEGORY B	12.2	4.6		900	8.8	3.0	.1	900	1.6	.7		881	1.4	.4		814

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.7	.3		4481	2.8	.2		6045
CATEGORY B	6.4	2.3	.0	4481	5.0	1.8	.0	6045

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5			372				558	.4			930	1.9	.2		930
CATEGORY B	.5			372	.2			558	.9	.1		930	3.7	1.2	.1	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.0	.4		930	2.2	.1		930				919	.5			733
CATEGORY B	6.9	1.8	.4	930	4.2	1.3		930	1.0	.4	.1	919	.8			733

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.7	.2		4639	1.3	.1		6302
CATEGORY B	3.3	1.0	.1	4639	2.6	.7	.1	6302

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				360	.2			540	.3			900	1.6			900
CATEGORY B				360	.4			540	.6	.1		900	2.1	.7		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.3		900	1.4	.1		900	.6	.1		900	.1			721
CATEGORY B	3.7	.9	.1	900	2.2	.8	.1	900	1.0	.7	.1	900	.3	.1	.1	721

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.1	.1		4500	.9	.1		6121
CATEGORY B	1.9	.6	.1	4500	1.5	.5	.1	6121

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	E15	GE25	OBS
CATEGORY A				372				558	.2			930	1.0			930
CATEGORY B				372				558	.2			930	1.3	.1		930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.1		926	1.6	.2		922	.7			918	.7			739
CATEGORY B	3.8	1.1		926	2.8	1.2		922	1.4	.4	.1	918	.8	.4	.1	739

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2	.1		4626	1.0	.0		6295
CATEGORY B	1.9	.6	.0	4626	1.5	.5	.0	6295

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				465				620	.2			930	.6	.1		930
CATEGORY B				465				620	.4			930	1.1	.2	.1	930

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8			930	1.6			930	.3			927				774
CATEGORY B	1.8	.4		930	2.8	1.1		930	.8	.1		927				774

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7	.0		4647	.5	.0		6506
CATEGORY B	1.4	.4	.0	4647	1.0	.3	.0	6506

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS NLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			360	.6			540	.6			900	2.0	.1		900
CATEGORY B	1.1	.8		360	.9	.6		540	1.6	.6		900	4.2	1.0		900

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.6	.2		900	2.0	.3		900	.9	.2		900	.4			723
CATEGORY B	4.4	1.9	.1	900	3.3	1.8	.1	900	1.1	.7		900	1.1	1.0		723

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.2		4500	1.3	.1		6123
CATEGORY B	2.9	1.2	.0	4500	2.4	1.1	.0	6123

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5			372	.7			536	.9			927	1.5	.2		927
CATEGORY B	1.1	.3		372	.7	.2		536	1.6	.6		927	2.2	.9		927

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.1			927	1.0			927	.1			927	.3			766
CATEGORY B	3.2	1.3		927	2.0	.8		927	1.2	.4		927	1.4	.5		766

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9	.0		4635	.8	.0		6309
CATEGORY B	2.0	.8		4635	1.8	.7		6309

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPFED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	CS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.8			360	.6			362	.8			897	1.8			897
CATEGORY B	1.7	.3		360	1.1			362	1.1	.2		897	3.1	1.4		897

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.3	.1		897	2.0			897	.7			897	.8			896
CATEGORY B	5.7	2.3	.1	897	3.7	1.1		897	1.1	.4		897	1.6	.4		896

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.7	.0		4485	1.5	.0		6103
CATEGORY B	2.9	1.1	.0	4485	2.6	.9	.0	6103



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 AUG 89  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			368	1.1	.3		369	.5			812	2.4			861
CATEGORY B	.3			368	1.6	.3		369	1.4	.2		812	3.6	1.0		861

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9	.2		857	1.1			840	.5			798	.4			788
CATEGORY B	5.0	2.0	.1	857	2.1	.5		840	.6	.1		798	.8			788

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.0		4168	1.2	.1		5693
CATEGORY B	2.6	.8	.0	4168	2.1	.6	.0	5693

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 149-329

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: SEP 79 - AUG 89  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.4	.0		4468	.4	.0		5555	.9	.1		10794	2.3	.1		10848
CATEGORY B	.8	.2		4468	.7	.2	.0	5555	1.7	.5	.0	10794	4.0	1.3	.0	10848

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.8	.4		10842	2.7	.2		10816	.7	.1		10721	.7	.0		9575
CATEGORY B	6.5	2.4	.2	10842	4.7	1.8	.1	10816	1.7	.6	.0	10721	1.5	.5	.0	9575

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1	.2		54021	1.7	.1		73619
CATEGORY B	3.7	1.3	.1	54021	3.0	1.1	.1	73619

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	HHHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHH	HHHHHHHHH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722265

STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 38 - AUG 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1938	545	250	97	89						53	271	530	1835
1939	403	273	173	87	3					63	321	454	1777
1940	885	522	268	94	19				16	19	278	382	2483
1941	484	547	386	18	1					8	275	407	2126
1942									18	32	208	435	693
1943	439	359	283	66						101	344	506	2098
1944	493	262	186	74	17					46	248	505	1831
1945	515	295	77	47	25					57	248	662	1926
1946	480	326	106	30						34	125	376	1477
1947	390	566	404	26	2				2		309	457	2156
1948	719	312	179	17					2	76	196	340	1841
1949	259	214	255	65					3	10	292	406	1504
1950	108	236	302	126						6	421	648	1847
1951	431	349	214	98						29	416	361	1898
1952	295	300	240	83	4					136	290	498	1846
1953	382	336	125	77	1					49	278	506	1754
1954	434	257	274	21	20					86	326	523	1941
1955	546	341	183	21						108	320	477	1996
1956	579	236	228	83						9	326	246	1707
1957	397	178	255	59	6				13	107	209	414	1638
1958	642	603	264	49	9					44	192	557	2360
1959	554	347	279	58						49	320	461	2068
1960	531	475	479	48	32					46	221	582	2414
1961	690	268	144	114	13					58	224	436	1947
1962	567	180	298	108					3	87	321	551	2115
1963	687	581	180	35	11					25	255	706	2480

1964		567	589	281	39	4						
1965		504	457	356	36			126	220	438	2264	
								79	168	479	2079	
1966		663	381	253	60	5						
1967		521	463	157	16	9						
1968		630	670	307	62	7	26	40	214	484	2100	
1969		514	425	379	12			73	309	389	1963	
1970		715	468	249	26	8		78	332	565	2651	
								37	318	532	2217	
								29	384	363	2242	
1971		472	419	337	93	20						
								15	323	232	1911	
1985												
							1	11	67	****	79	
1986		559	291	206	63							
1987		545	394	245	146			38	128	464	1749	
1988		587	448	245	45			119	221	359	2029	
1989		307	336	198	120	8		94	157	446	2022	
											1021	
.....												
MEAN		514	378	245	62	6		2	54	265	464	
SD		145.09	128.38	88.56	34.82	8.30		5.85	36.69	78.78	101.67	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 722265 STATION NAME: MAXWELL AFB AL  
LST TO UTC: + 6

PERIOD OF RECORD: JAN 38 - AUG 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1938	3	3	96	101	311	449	529	570	355	129	44		2590
1939	7	16	40	82	278	503	564	476	428	167			2561
1940			14	61	206	442	502	546	334	112	13		2230
1941	1			102	357	473	555	561	468	296	12	5	2830
1942									345	133	18	12	508
1943	32	3	32	119	379	585	596	609	322	103	14	4	2798
1944	4	42	28	84	369	572	553	521	423	118	11	5	2730
1945		27	145	146	241	552	573	570	483	92	49		2878
1946	15	1	68	170	279	425	513	488	309	98	51	7	2424
1947	11		4	104	271	460	485	568	439	234			2576
1948		18	81	182	344	528	591	519	333	70	31	18	2715
1949	31	10	47	73	349	459	561	524	337	258	9	8	2666
1950	64	24	32	65	402	514	524	517	331	162	21	1	2657
1951	1	21	55	103	291	536	618	650	424	170	10	27	2906
1952	26	13	18	87	323	623	655	559	332	44	6	5	2691
1953	4	1	44	77	413	568	568	560	373	166	7		2781
1954	7	8	64	210	179	549	634	682	499	199		2	3033
1955		10	122	192	384	374	576	583	460	127	38	8	2874
1956		23	32	99	384	471	564	576	332	121	14	26	2642
1957	24	57	10	171	329	512	573	583	391	74	47		2771
1958				129	335	507	539	565	425	87	37		2624
1959		12	10	102	371	476	570	590	391	184	18	2	2726
1960	2	6	8	138	252	481	605	545	408	187	5		2637
1961		12	41	59	232	389	543	504	407	98	58	5	2348
1962	9	37	15	89	468	484	619	586	365	155	5		2832
1963			58	126	288	402	467	583	345	151	9		2429

1964		1		21	96	236	481	458	473	362	49	33	9	2219
1965		2	11	34	145	343	396	478	490	385	103	26		2413
1966		5	1	17	158	275	393	604	524	368	92	29	11	2477
1967			2	75	210	234	421	443	427	227	67	6	15	2127
1968				22	78	233	482	513	521	375	158	7		2389
1969		1	8	7	137	312	494	632	477	333	156	4		2561
1970				10	177	330	431	534	503	496	136		16	2633
1971		8	10	3	82	207	496	490	482	396	189	24	46	2433
1985								490	361	225	102	****		1178
1986			8	24	90	311	501	596	467	479	165	83	3	2727
1987				8	64	343	477	629	635	387	35	30	27	2635
1988		2	4	28	75	260	507	512	562	395	40	30	5	2420
1989		6	20	58	107	295	467	530	489					1972
.....														
MEAN		7	11	37	115	308	483	553	541	384	135	23	7	
SD		13.05	13.21	33.85	43.31	65.36	57.85	53.48	54.91	58.50	60.78	23.02	10.29	



A W S	STATION NAME: MAXWELL AFB AL										FIELD ELEV: 168 FT				
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 32 23 N 086 22 W										STATION MSC: 722265				
(LIMITED)	HOURLY OBS POR: SEP 79 - AUG 89										CALL SIGN: KMXF				
	SUMMARY OF DAY POR: 3510-3608, 3701-7203, 8508-8908 (FULL TIME), 7204-8507 (PART TIME)														
FEB 90	HOURS SUMMARIZED: 00-23 LST (EXCEPT 06-23 LST 7204-8507)										SUPERSEDES: SEP 82				
	LST TO UTC: +06														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	82	85	88	93	98	104	105	103	101	96	88	84	105	54	
MEAN MAX TEMP (F)	57	61	68	77	84	90	91	91	86	78	67	59	76	54	
MEAN TEMP (F)	48	51	58	66	74	80	82	82	77	67	56	50	66	54	
MEAN MIN TEMP (F)	38	41	48	55	63	70	73	72	68	56	46	40	56	54	
EXTRM MIN TEMP (F)	3	12	20	30	43	50	61	60	42	32	14	7	3	54	
D/W TEMP GE 95 (F)	0	0	0	0	1	6	8	6	2	#	0	0	23	54	
D/W TEMP GE 90 (F)	0	0	0	1	7	18	21	21	11	1	0	0	80	54	
D/W TEMP LT 33 (F)	10	6	1	#	0	0	0	0	0	#	3	8	28	54	
D/W TEMP LT 20 (F)	1	1	0	0	0	0	0	0	0	0	#	1	3	54	
HEATING DEGREE DAYS	514	378	245	62	6	0	0	0	2	54	265	464	1990	39	
COOLING DEGREE DAYS	7	11	37	115	308	483	553	541	384	135	23	7	2604	39	
MEAN DEWPOINT TEMP (F)	34	38	44	50	60	68	71	71	65	54	48	39	54	10	
MEAN WET BULB TEMP (F)	41	45	52	57	65	72	75	74	69	60	54	46	59	10	
99.95% WCPA (FT)	450	650	650	550	400	400	300	350	400	400	500	450	500	10	
MEAN REL HUM 07 LST(%)	76.0	77.3	76.3	75.8	77.6	79.4	81.6	83.3	80.0	80.5	80.1	76.2	78.7	10	
MEAN REL HUM 13 LST(%)	53.5	53.1	48.5	46.3	50.1	52.6	57.0	56.2	52.5	49.5	52.6	53.5	52.1	10	
MAX 24HR PRECIP (IN)	3.33	5.09	6.00	4.34	4.00	6.28	4.68	5.60	5.39	3.30	5.85	3.61	6.28	44	
MAX PRECIP (IN)	11.60	9.02	14.04	11.23	12.88	11.77	10.73	15.39	10.36	8.27	19.34	10.12	85.86	44	
MEAN PRECIP (IN)	4.54	4.86	5.99	4.47	3.96	4.24	5.50	4.05	4.01	1.99	3.85	5.37	52.97	44	
MIN PRECIP (IN)	.85	1.59	1.60	.27	.47	.50	1.65	.95	.13	.02	.13	.89	30.16	44	
D/W PRECIP GE .01 (IN)	11	10	10	8	9	9	12	9	8	5	8	10	109	44	
D/W PRECIP GT .50 (IN)	3	3	4	3	3	3	3	3	2	1	3	4	35	44	
MAX 24HR SNFL (IN)	3.0	1.5	#	1.0	0	0	0	0	0	0	#	1.0	3.0	54	
MAX SNFL (IN)	5.9	1.5	#	1.0	0	0	0	0	0	0	#	1.0	5.9	54	
MEAN SNFL (IN)	.1	#	#	#	0	0	0	0	0	0	#	#	.1	54	
D/W SNFL GE .1 (IN)	1	#	0	#	0	0	0	0	0	0	0	#	1	54	
D/W SNFL GE 1.5 (IN)	#	#	0	0	0	0	0	0	0	0	0	0	#	54	
MAX DLY SNO DEPTH (IN)	3	#	#	1	0	0	0	0	0	0	0	1	3	54	
PRVLNG WND DIR (DEG)	\$32-34	\$32-34	\$32-34	\$26-28	\$17-19	\$20-22	\$23-25	\$08-10	\$05-07	\$02-04	\$02-04	\$35-01	\$02-04	10	
MEAN WND SPD (KTS)	4	5	5	4	4	3	3	3	3	3	4	4	4	10	
MAX WND SPD (KTS)	44	54	61	65	58	59	52	52	47	51	47	42	65	31	
SKY COVER GT 5/10 (%)	56.0	60.0	55.0	48.2	50.0	48.2	49.0	46.8	43.0	42.0	54.0	53.8	50.6	10	
D/W THUNDERSTORMS	1	2	4	5	6	9	13	9	4	1	1	1	56	40	
D/W FOG (VSBY LT 7 MI)	15	12	13	12	14	13	16	17	15	15	15	14	171	40	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH & = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE POR/YOR = PERIOD/YEARS OF RECORD WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	23.9	33.6	24.2	8.6	5.1	3.9	3.8	5.8	10.3	14.0	26.7	22.3	15.2	04
	03 - 05	28.4	39.4	32.3	16.2	21.1	18.5	17.7	18.2	20.4	23.9	37.3	27.6	25.1	04
	06 - 08	36.0	35.5	32.5	23.4	23.4	22.8	22.8	25.3	27.1	27.6	34.8	34.4	28.8	10
	09 - 11	32.2	34.5	28.2	19.4	15.5	14.4	16.9	13.8	22.3	23.0	31.5	30.4	23.5	10
	12 - 14	27.0	28.5	19.6	11.6	8.6	6.0	7.2	5.8	14.8	14.9	24.5	21.6	15.8	10
	15 - 17	22.7	24.7	16.1	6.6	3.7	3.6	4.0	4.7	7.4	10.9	20.2	18.0	11.9	10
	18 - 20	21.5	24.1	14.8	6.8	3.4	2.0	3.5	3.1	7.0	10.5	18.1	17.7	11.0	10
	21 - 23	23.6	21.8	17.4	9.1	3.0	1.7	2.2	3.1	6.6	11.6	19.8	17.8	11.5	10
	ALL	27.1	29.2	22.3	12.9	10.6	9.2	10.1	10.1	14.7	17.0	25.7	23.6	17.5	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	15.2	21.8	14.0	4.4	4.0	1.4	3.5	4.1	7.2	9.9	15.3	15.8	9.7	04
	03 - 05	20.8	28.2	21.5	11.5	16.7	13.9	14.5	16.0	17.6	17.9	27.3	22.0	19.0	04
	06 - 08	26.5	23.9	18.2	16.9	16.9	16.4	19.6	21.8	21.3	20.9	24.9	24.3	21.0	10
	09 - 11	21.7	23.7	13.5	9.2	4.7	5.2	6.7	7.5	10.3	14.0	18.1	17.7	12.7	10
	12 - 14	15.2	17.0	7.4	3.0	1.3	1.2	2.4	2.7	4.4	6.6	9.8	9.0	6.7	10
	15 - 17	13.4	12.8	7.6	1.8	.5	1.3	1.5	2.4	3.0	5.3	6.1	8.7	5.4	10
	18 - 20	12.0	13.0	7.9	1.8	.9	.4	.9	2.0	2.9	5.7	7.7	8.3	5.3	10
	21 - 23	14.6	13.9	10.2	2.5	1.0	.7	.7	1.9	3.9	5.6	9.3	10.2	6.2	10
	ALL	17.3	18.3	11.6	6.2	5.4	5.0	6.1	7.3	8.6	10.5	13.7	13.8	10.2	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	9.8	15.3	9.1	2.2	3.0	1.1	1.6	3.0	5.0	6.7	11.1	10.9	6.6	04
	03 - 05	14.6	22.4	12.1	7.9	11.1	9.3	9.5	10.3	11.9	12.1	20.4	15.4	13.1	04
	06 - 08	20.4	18.5	12.0	9.9	8.5	9.3	12.2	13.5	12.9	14.6	17.4	17.0	13.8	10
	09 - 11	15.8	16.0	7.2	3.3	1.6	1.9	1.7	2.4	4.7	5.9	9.8	12.1	6.9	10
	12 - 14	10.7	11.5	4.8	.9	.6	.6	1.0	.9	2.6	1.6	3.8	5.6	3.7	10
	15 - 17	8.4	7.2	4.7	.4	.1	.3	.5	.9	1.6	2.2	3.6	5.8	3.0	10
	18 - 20	9.4	8.3	4.7	.9	.2	.3	.5	.6	1.6	2.7	5.2	6.0	3.4	10
	21 - 23	10.7	9.6	5.6	1.0	.5	.0	.3	.6	2.2	3.3	6.7	6.9	3.9	10
	ALL	12.5	12.7	7.0	3.1	2.9	2.7	3.3	3.9	5.0	5.8	8.7	9.5	6.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.8	.6	1.1	.6	.3	.0	.0	.0	.3	1.1	.0	3.0	.6	04
	03 - 05	1.9	1.5	3.0	1.8	.4	1.3	.7	1.8	.7	1.7	3.0	5.4	1.9	04
	06 - 08	3.6	1.1	1.9	1.3	.5	.6	.4	1.0	.7	1.4	3.5	4.4	1.7	10
	09 - 11	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	.6	.2	10
	12 - 14	.0	.1	.0	.0	.1	.1	.0	.0	.0	.0	.1	.0	.0	10
	15 - 17	.3	.0	.0	.0	.0	.1	.0	.2	.0	.0	.0	.4	.1	10
	18 - 20	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.4	.0	10
	21 - 23	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	.3	.6	.2	10
	ALL	1.0	.5	.6	.3	.2	.2	.1	.3	.2	.4	.8	1.5	.5	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1900 - 1986:

HR/TS	MAY	JUN	JUL	AUG	SEP	OCT	NOV	ANN
60NM	0/0	0/2	0/0	0/1	0/3	0/3	0/0	0/9
120NM	0/0	0/6	1/3	4/7	4/8	1/6	0/0	10/30
240NM	0/3	3/16	2/7	11/21	15/30	3/18	1/0	35/95

REMARKS : ALL SUMMARY OF DAY (SOD) DATA DERIVED EXCLUSIVELY FROM MAXWELL AFB AL.

## DISTRIBUTION

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